PALÉONTOLOGIE

FRANÇAISE.

Paris. — Imprimerie de Cosson, rue Saint-Germain-des-Prés, n° 9.

212685

PALÉONTOLOGIE FRANÇAISE.

DESCRIPTION ZOOLOGIQUE ET GÉOLOGIQUE

DE TOUS

LES ANIMAUX MOLLUSQUES ET RAYONNÉS

FOSSILES DE FRANCE,

PAR ALCIDE D'ORBIGNY,

CHEVALIER DE LA LÉGION-D'HONNEUR FRANÇAISE, OFFICIER DE LA LÉGION-D'HONNEUR BOLIVIENNE, PRÉSIDENT DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE, AUTEUR DU VOYAGE DANS L'AMÉRIQUE MÉRIDIONALE, ETC., ETC.,

AVEC

les figures de toutes les espèces, lithographiées d'après nature,

PAR M. J. DELARUE.

TERRAINS CRÉTACÉS.

ATLAS.

TOME DEUXIÈME,

CONTENANT LES GASTÉROPODES.

(De la planche 149 à 236 bis.)

A PARIS,

CHEZ ARTHUS BERTRAND, LIBRAIRE-ÉDITEUR,

Rue Hautefeuille, n° 23.

1842—1843

BIBLIOTHÈQUE DE DIJON UNIVERSITÉ

Fig. 2.

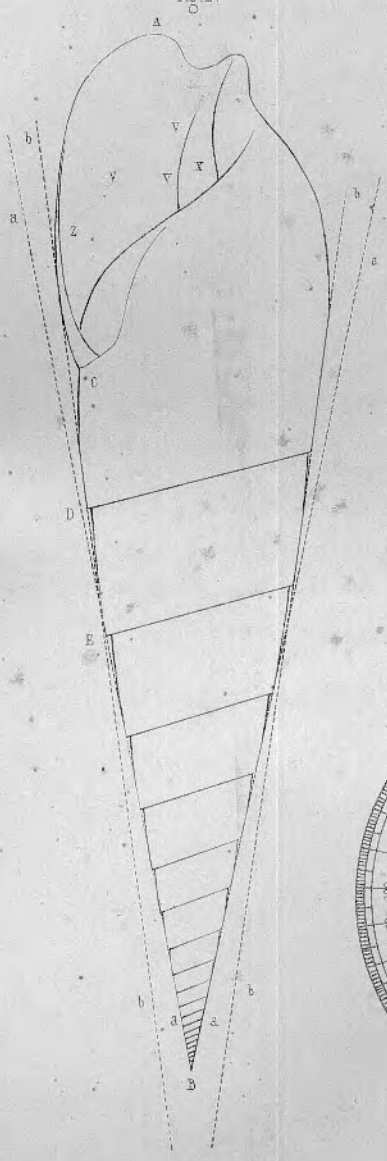
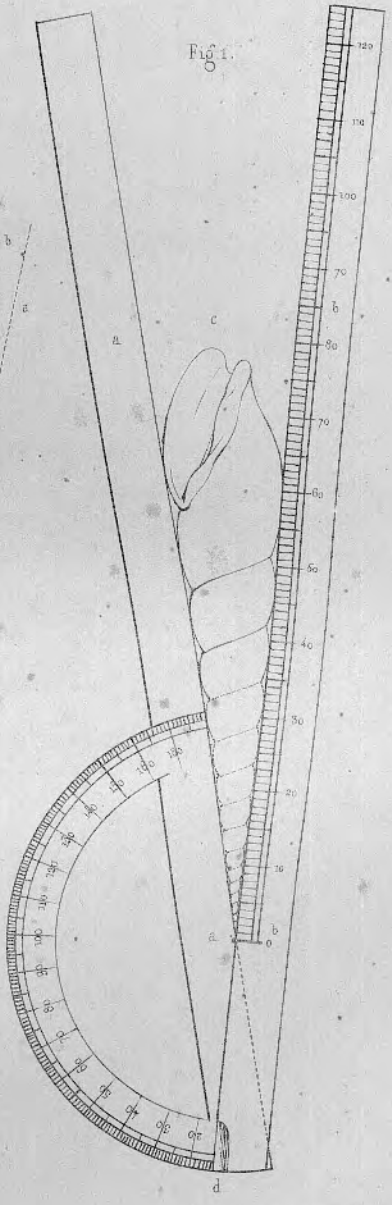


Fig. 1.



J. Delarue lith.

Imp. Lemercier Benard & C.

Gasteropodes généralités

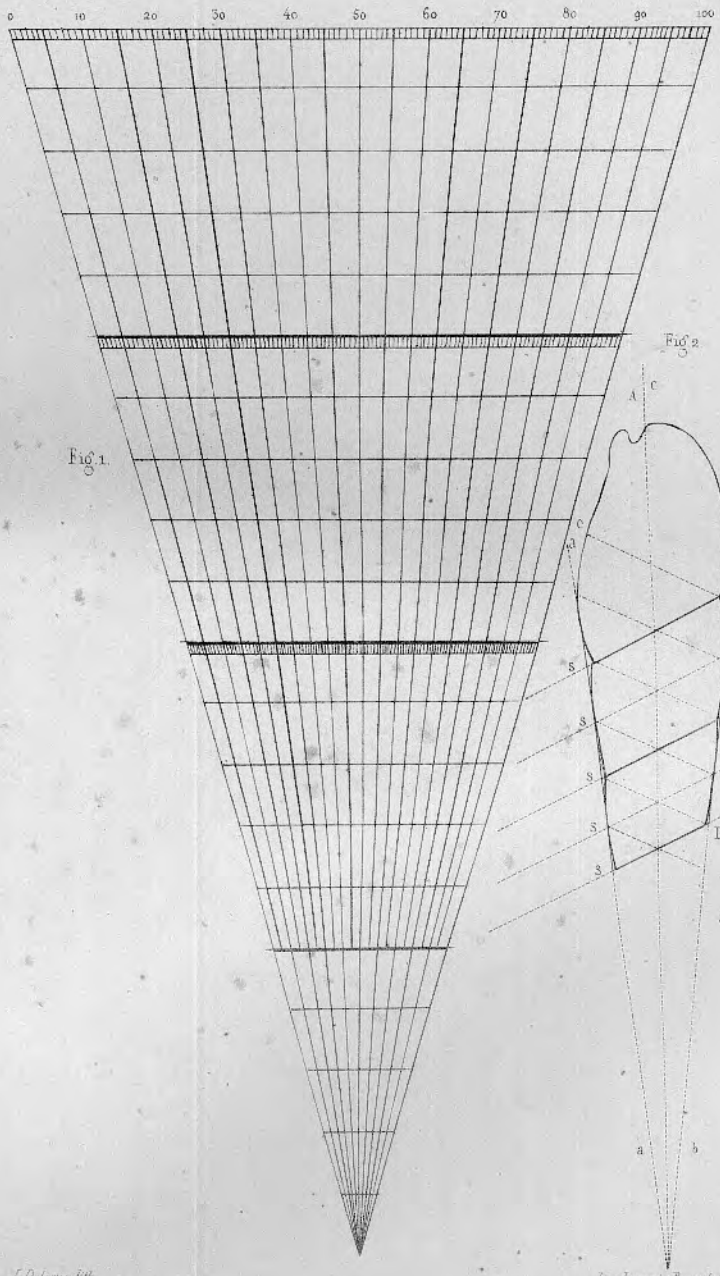


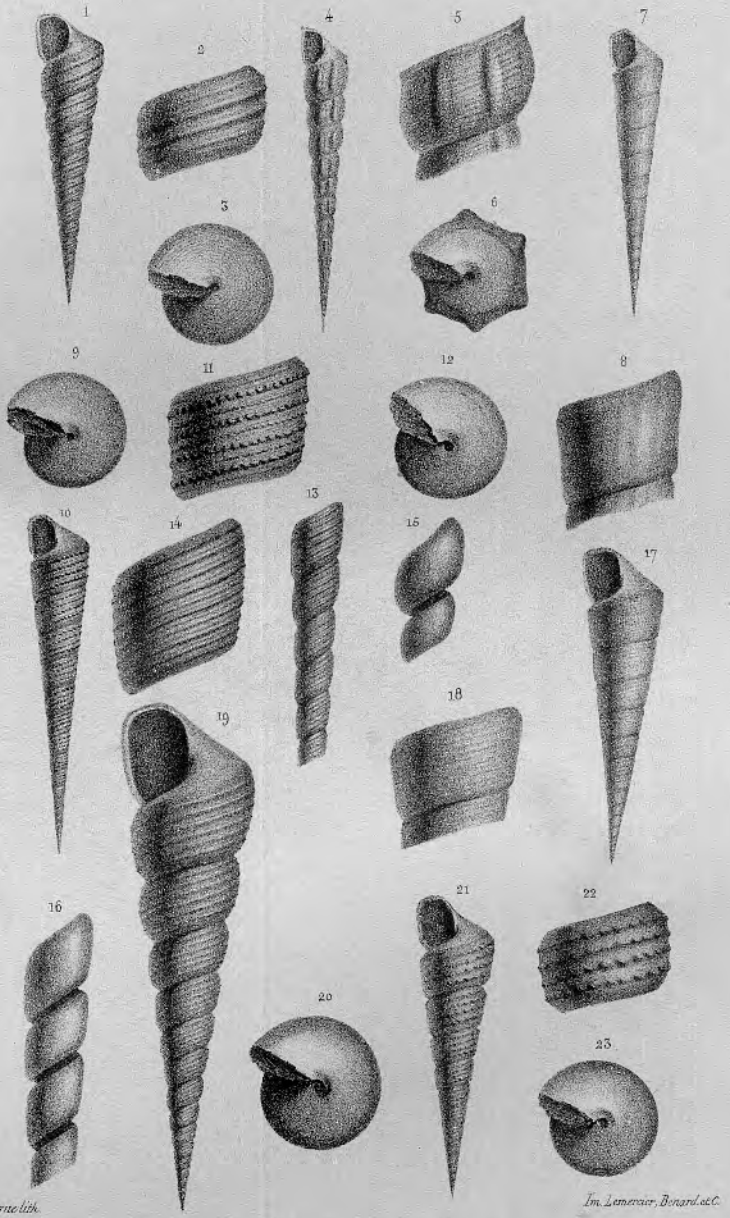
Fig. 1.

Fig. 2

J. Delarue lith.

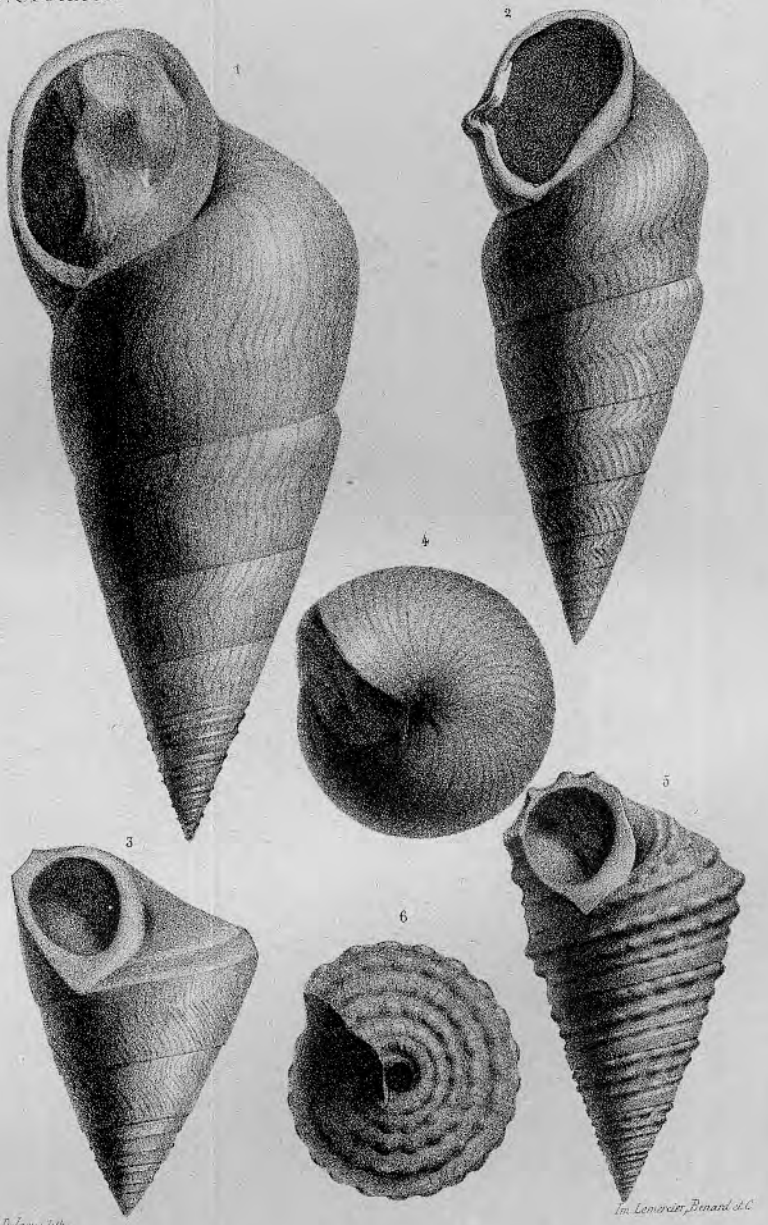
Imp. Lemercier Bénard et C.

Gasteropodes généralités.

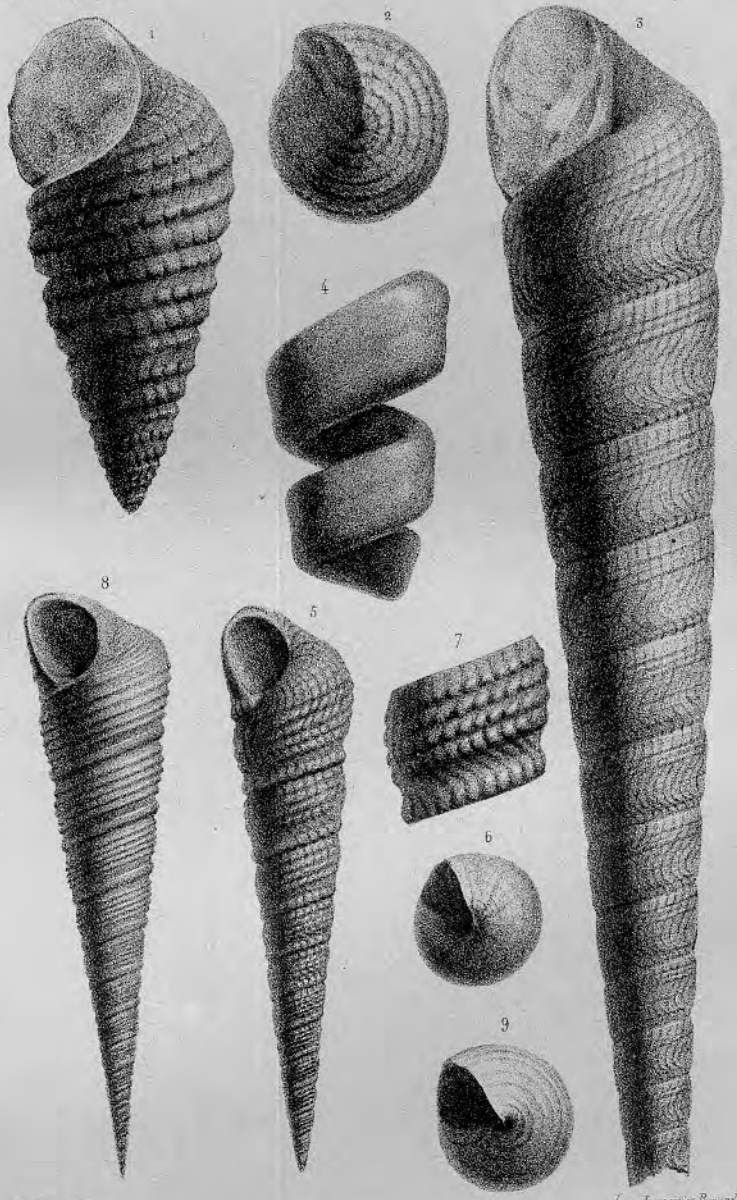


J. Delarue lith. Im. Lemercier, Benard et C.

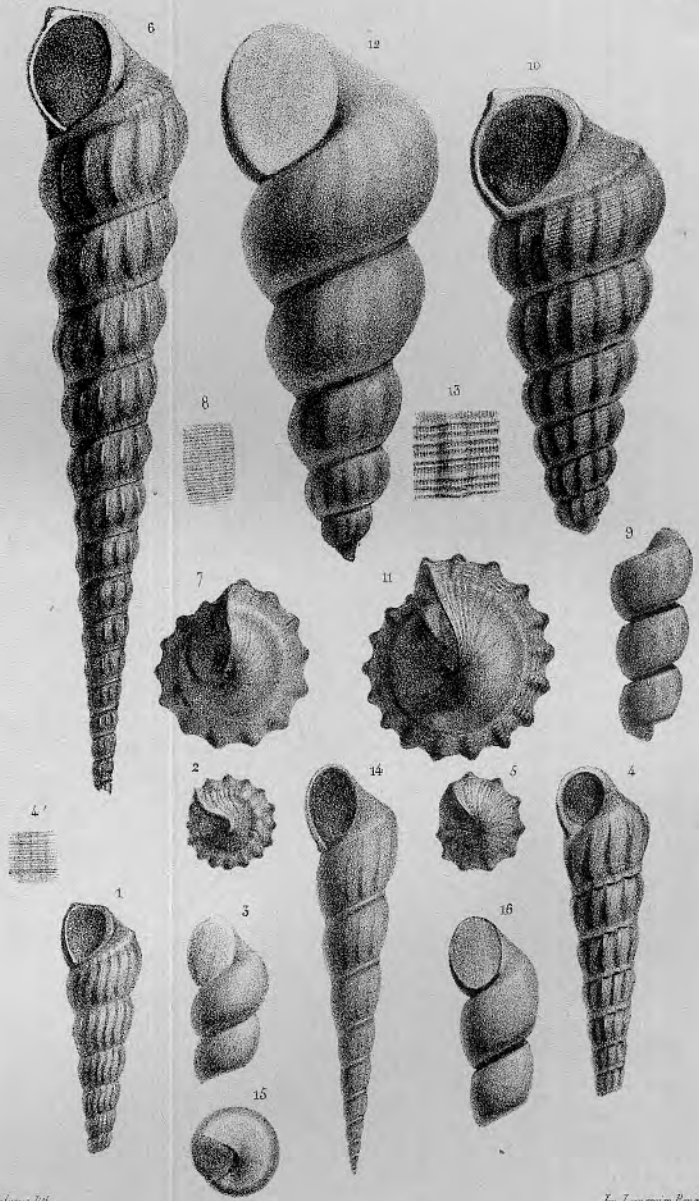
1.3. Turritella Dupiniana, d'Orb. N.
4.6. T. ——— angulata, d'Orb. N.
7.9. T. ——— lævigata, Legmerie. N.
10.12. T. ——— Vibrayeana, d'Orb. G.
13.16. Turritella Hugardiana, d'Orb. G.
17.18. T. ——— Rauliniana, d'Orb. G.
19.20. T. ——— Difficilis d'Orb. C.C.
21.23. T. ——— Uchauxiana d'Orb. C.C.



1, 2. Turritella Renauxiana, d'Orb. C.C.
5, 6. T. ——— Requieniana, d'Orb. C.C.

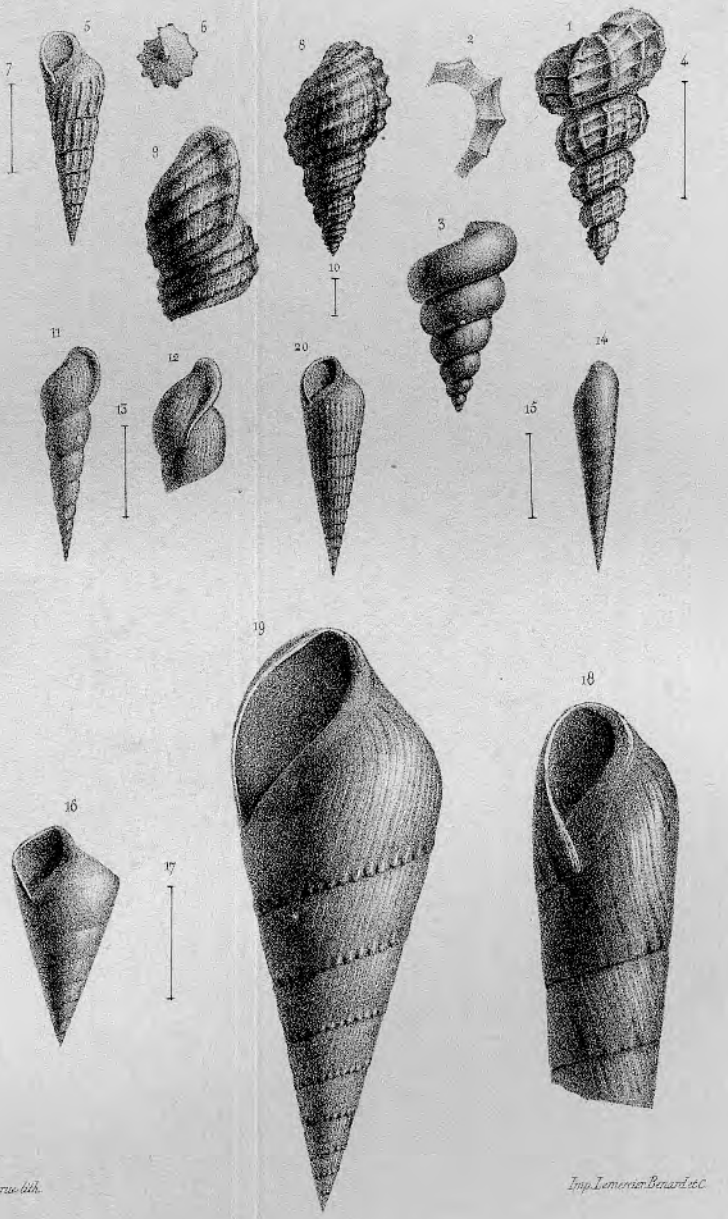


1.2. Turritella Coquandiana d'Orb. C.C.
3.4. T. Bauga, d'Orb. C.C.
5.7. T. granulata Sowerby C.C.
8.9. T. Verneuiliana d'Orb. C.C.



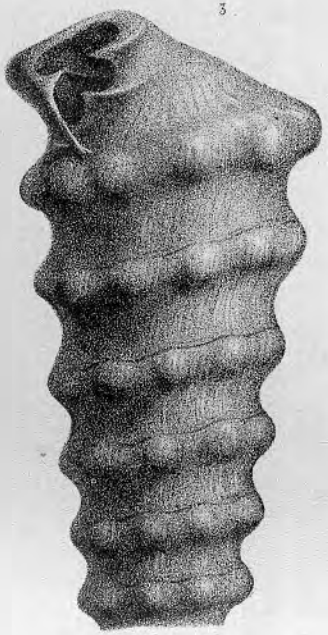
J. Delarue lith. Imp. Lemercier, Benard & C.

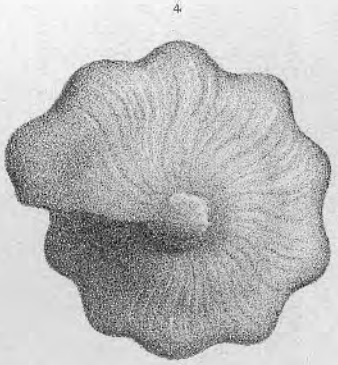
1.3. *Scalaria canaliculata*, d'Orb. N.
4.5. *S.* ——— *albensis*, d'Orb. N.
6.9. *S.* ——— *Clementina*, d'Orb. G.
10.13. *S.* ——— *Dupiniana*, d'Orb. G.
14.16. *S.* ——— *gaultina*, d'Orb. G.



14. *Scalaria Rauliniana*, d'Orb. G.
5 7. *S.* ——— *Gastina*, d'Orb. G.
8 10. *Rissoa Dupiniana*, d'Orb. G.
11 13. *Rissoina incerta*, d'Orb. G.

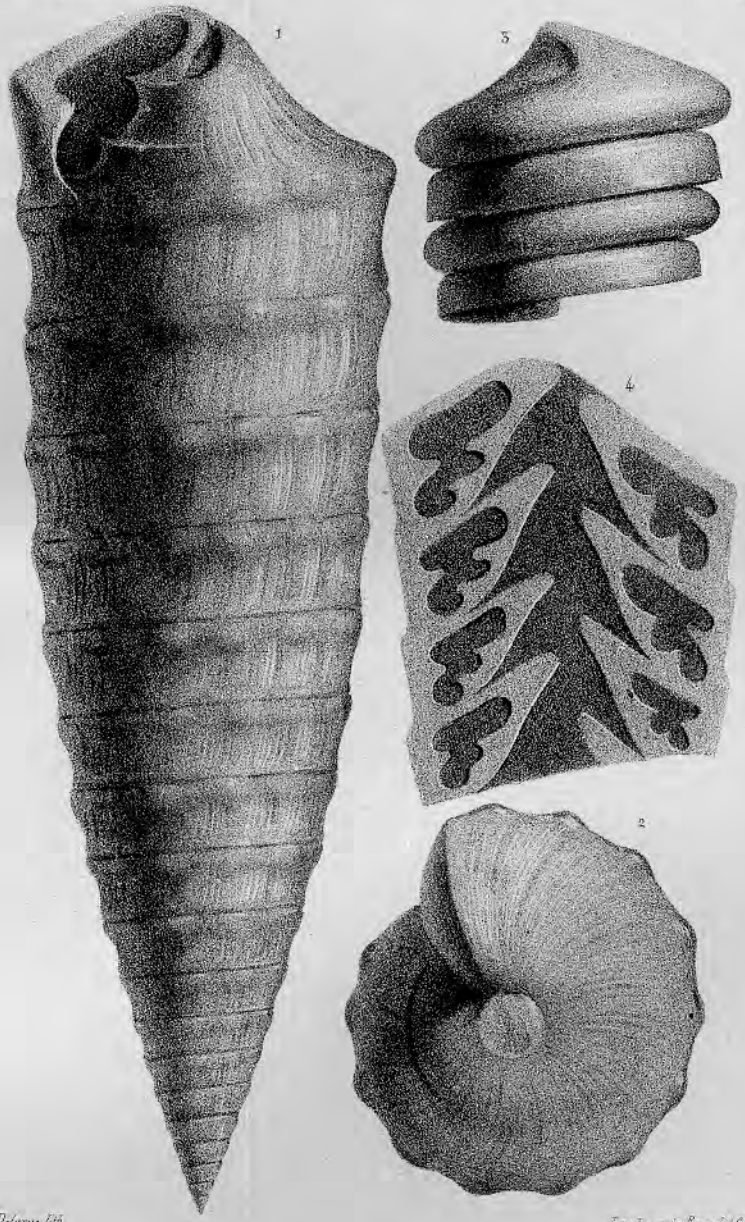
14 15. *Eulima albensis*, d'Orb. N.
16 17. *E.* ——— *melanoides*, Deshayes N.
18. *E.* ——— *Requieniana*, d'Orb. C.C.
19. *Chemnitzia Paulletteana*, d'Orb. C.C.
20. *C.* ——— *mosensis*, d'Orb. C.C.





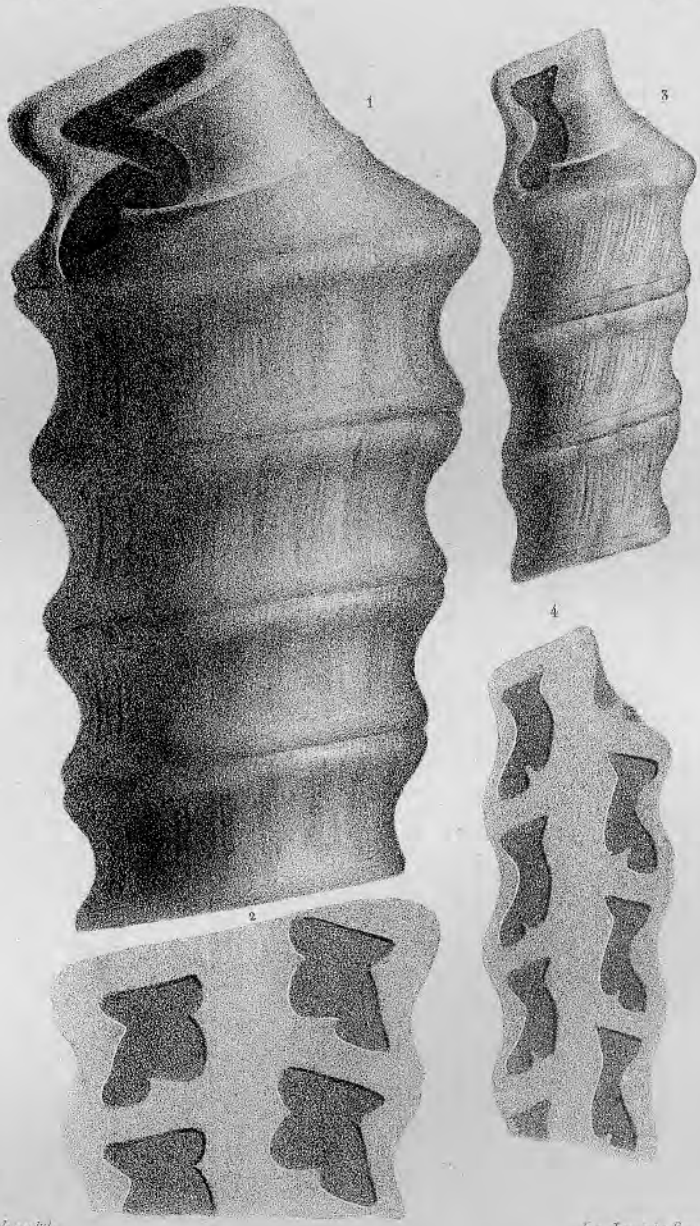
J. Delarue lith. Imp. Lemercier, Bernard et C.

1. *Eulima amphora*, d'Orb. C.C.
2. *Chemnitzia inflata*, d'Orb. C.C.
3. 4. *Nerinea Coquandiana*, d'Orb. N.



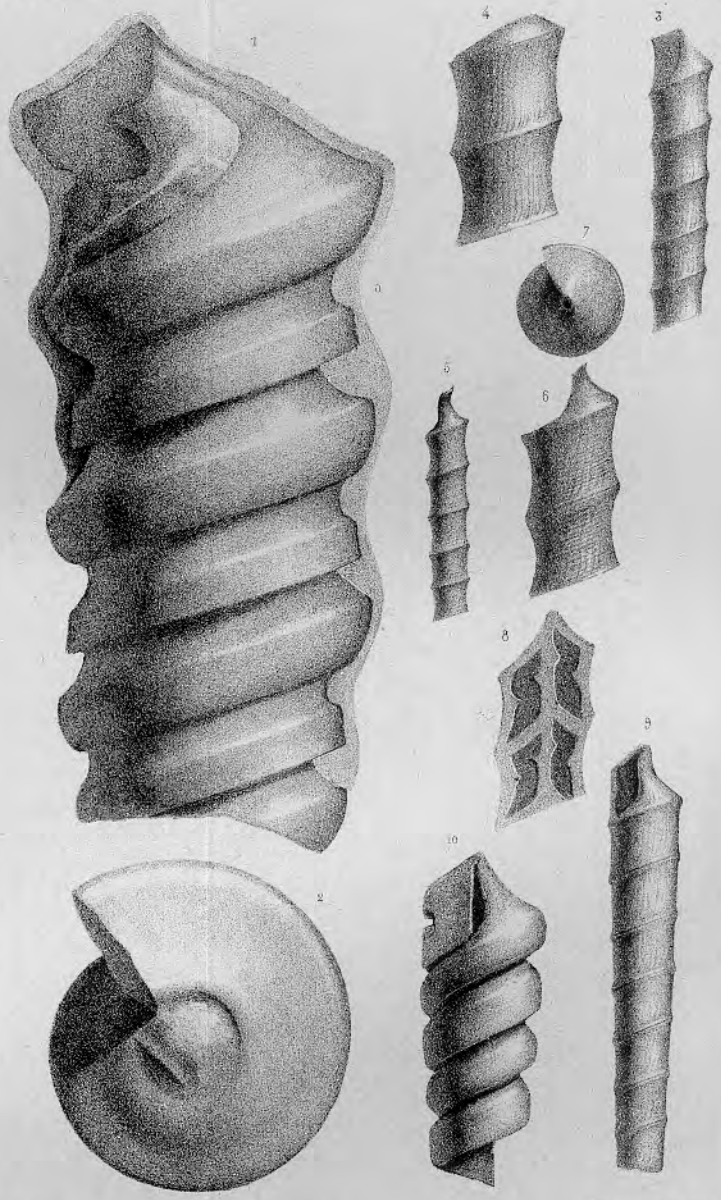
J. Delarue lith. Imp. Lemercier Bernard et C.

Nerinea Renauxiana, d'Orb. N.



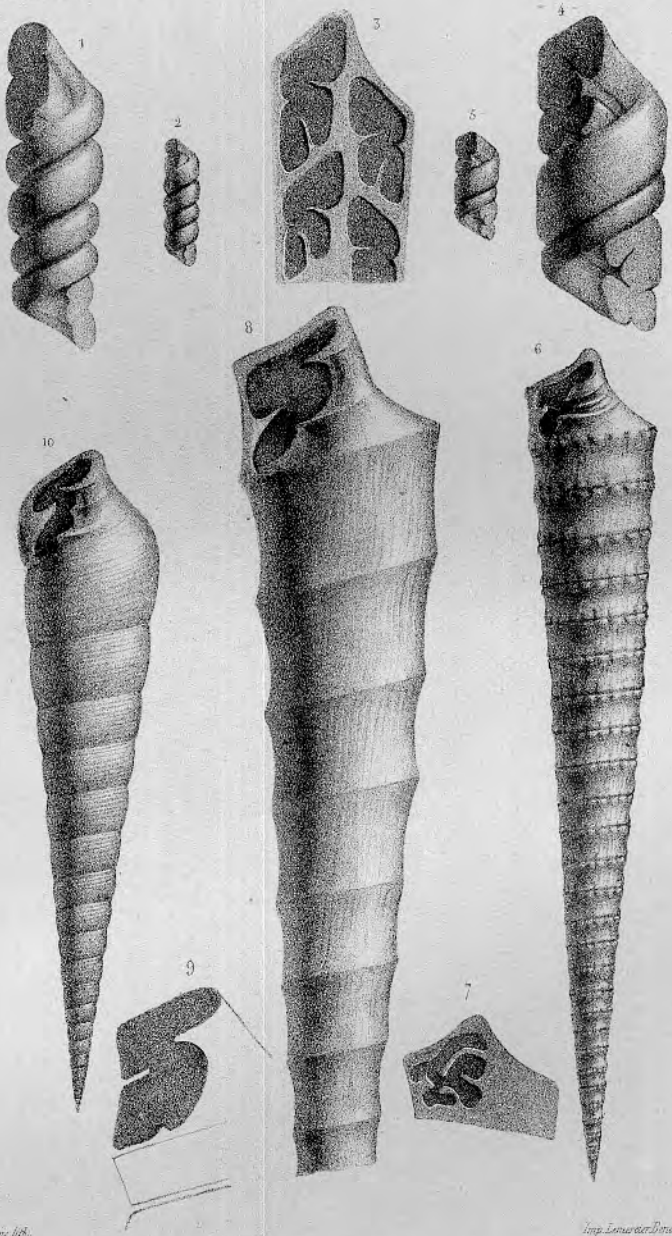
J. Delarue lith. Imp. Lemercier, Bauzil & Cie

1 2. *Nerinea gigantea d'hombre-Firmas, N.*
3 4. *N.____ Archimedi, d'Orb. N.*



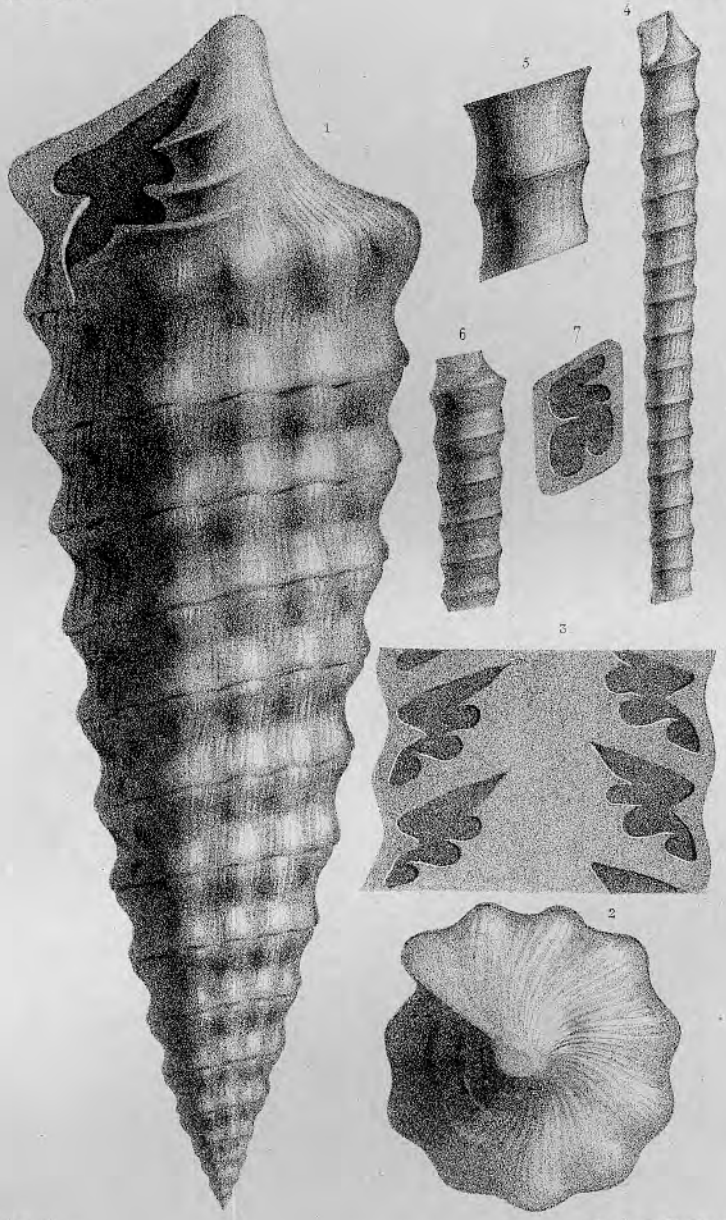
J. Delarue lith. Imp. Lemercier, Benard et C.

1. 2. *Narinea Chamouseti*, d'Orb. N.
3. 4. N. ——— *Royeriana*, d'Orb. N.
5. 8. N. ——— *Dupiniana*, d'Orb. N.
9. 10. N. ——— *Matronensis*, d'Orb. N.



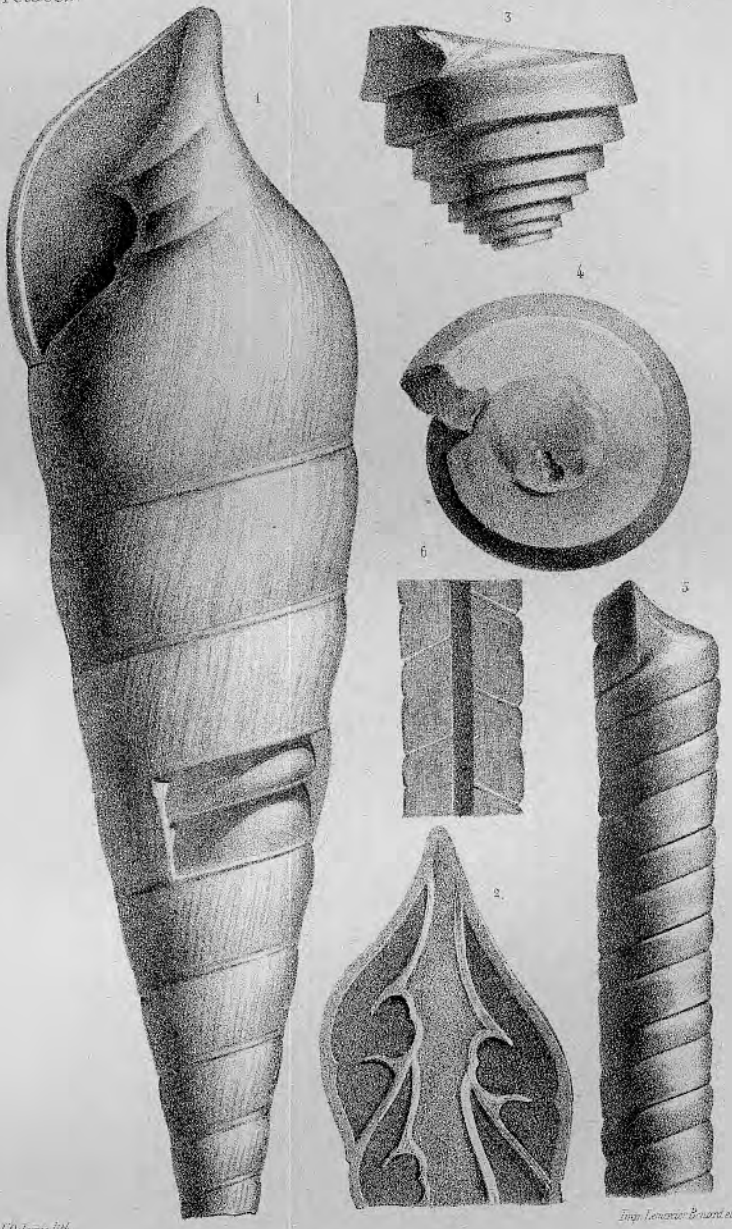
J. Delarue lith. Imp. Lemercier Benard et C.

1.2 Nerinea Carteroni, d'Orb. N.
3. N. ___ lobata, d'Orb. N.
4.5. N. ___ bifurcata, d'Orb. N.
6.7 Nerinea Fleuriausa, d'Orb. CC.
8.9 N. ___ Aunisiana, d'Orb. CC.
10 N. ___ regularis, d'Orb. CC.



J. Delarue lith. Imp. Lemercier Benard et C.

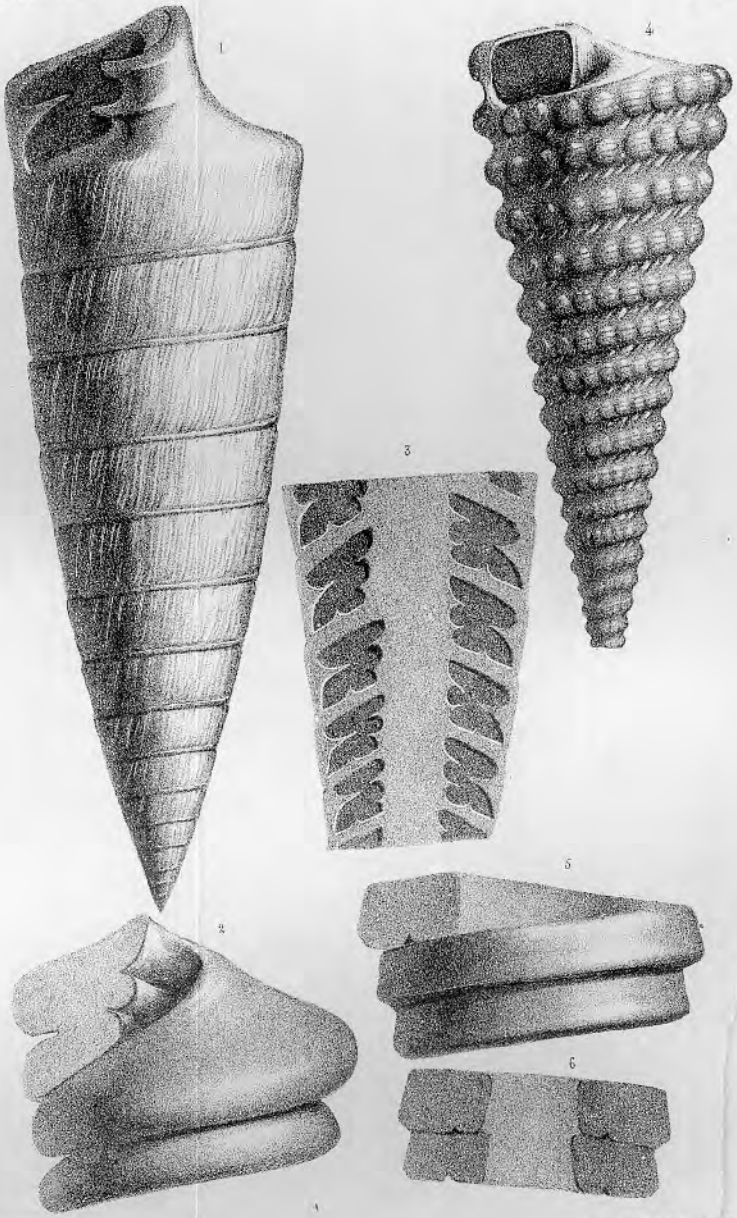
1-3. *Nerinea Baillettcana*, d'Orb. CC.
4-5. *N. ___ pulchella*, d'Orb. CC.
6-7. *N. ___ pauperata*, d'Orb. CC.



J. Delarue lith.

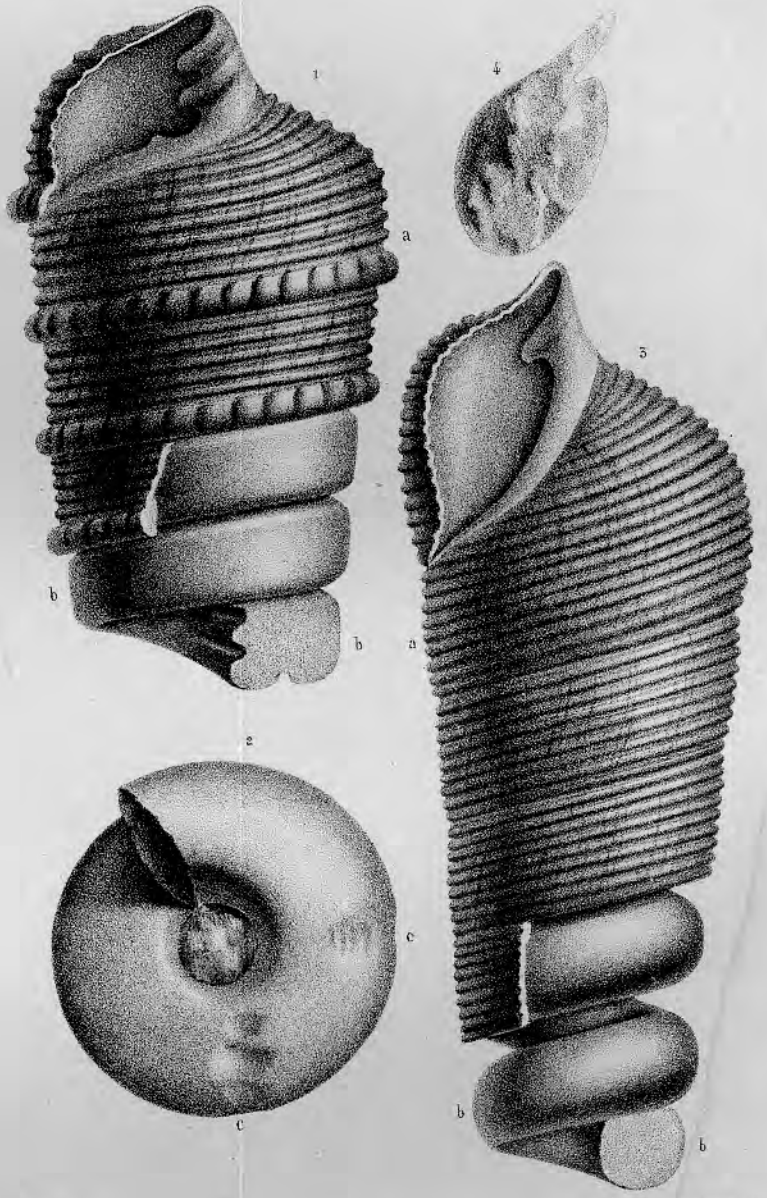
Imp. Lemercier Bernard et Cie

1. 2. *Nerinea Banga*, d'Orb. CC.
3. 4. *N.* ——— *brevis*, d'Hombre CC.
5. 6. *N.* —— *subæqualis*, d'Orb. CC.



J. Delarue del. Imp. Lemercier, Benard et Cie

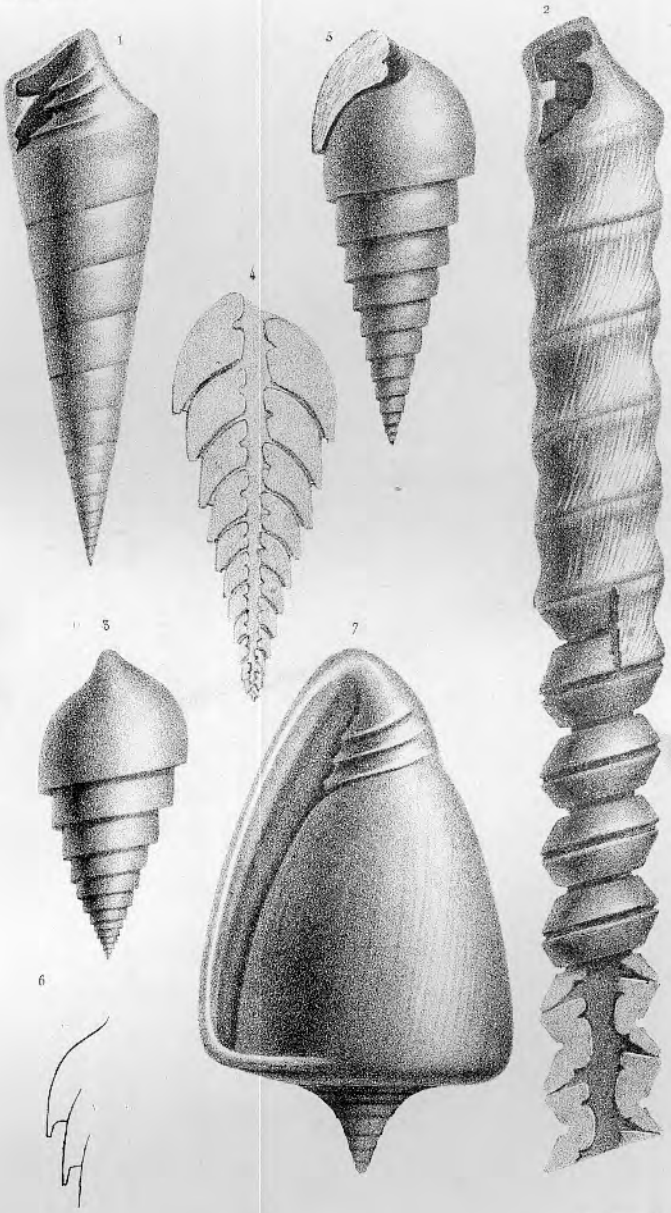
1.3. *Nerinea Requieniana*, d'Orb. CC.
4.6. *N.* ____ *monilifera*, d'Orb CC.



J. Delarue del.

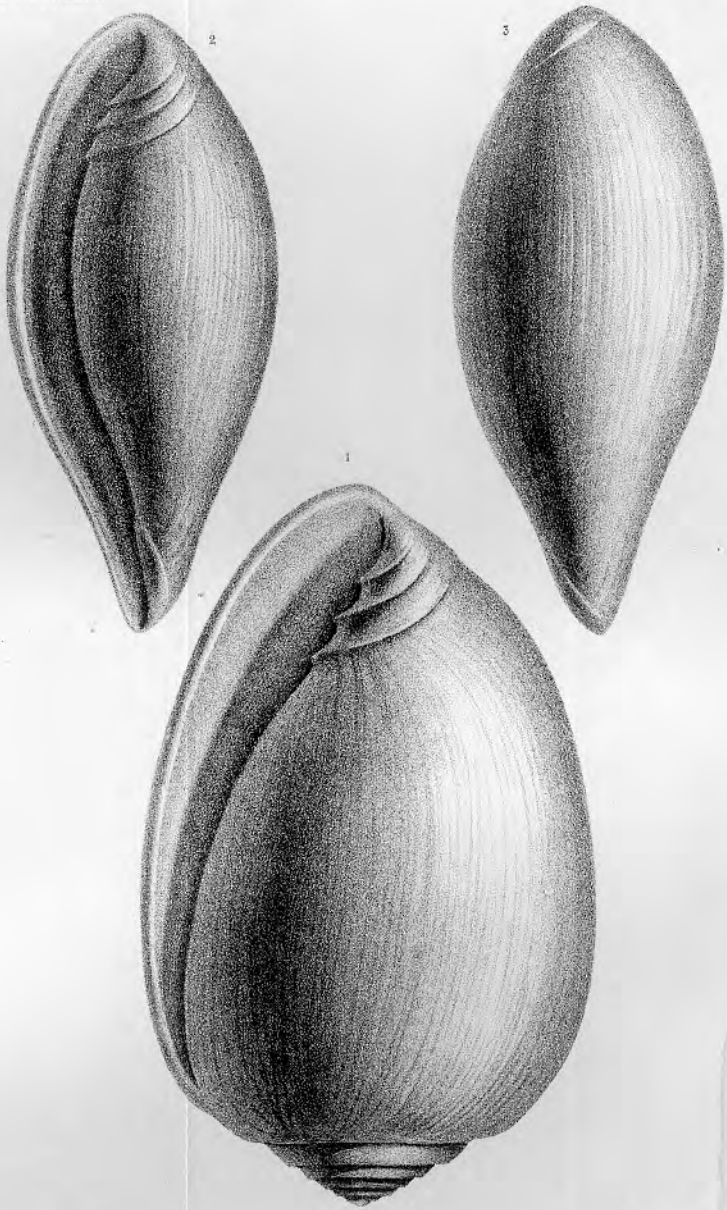
Im. Lemercier, Benard et C.

1_2. *Nerinea Marrotiana, d'Orb. cc.*
3_4. *N. ——— perigordina, d'Orb. cc.*



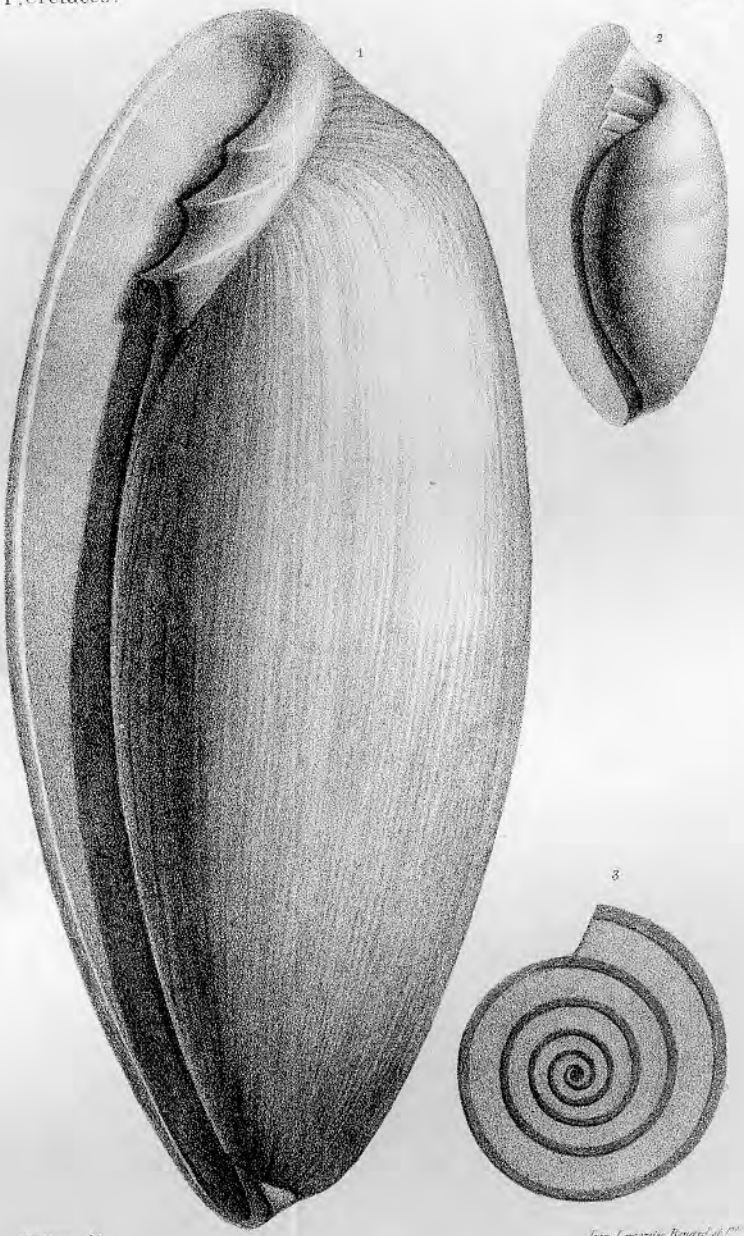
J. Delarue del. Imp. Lemercier Benard et Cie

1. *Nerinea uchauxiana*, d'Orb. CC.
2. *N.* ——— *Espaillaciana*, d'Orb. CC.
3.6. *Pyrimidella canaliculata*, d'Orb. CC.
7.8. *Acteonella*, *Renauxiana*, d'Orb. CC.



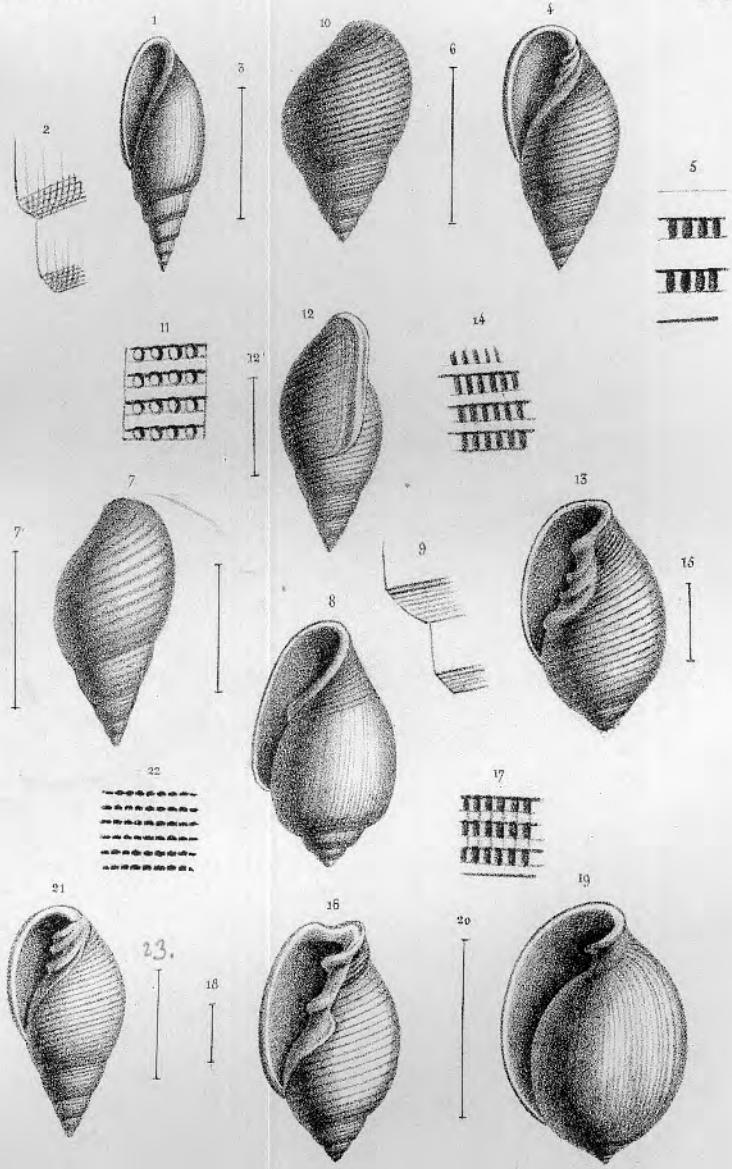
J. Delarue del. Imp. Lemercier Bonard et C.ie

1. *Arteonella gigantea*, d'Orb. CC.
2.3. *A.* _____ *lævis*, d'Orb. CC.



J. Delarue del. Imp. Lemercier, Bernard & Cie

Acteonnella crassa d'Orb CC.

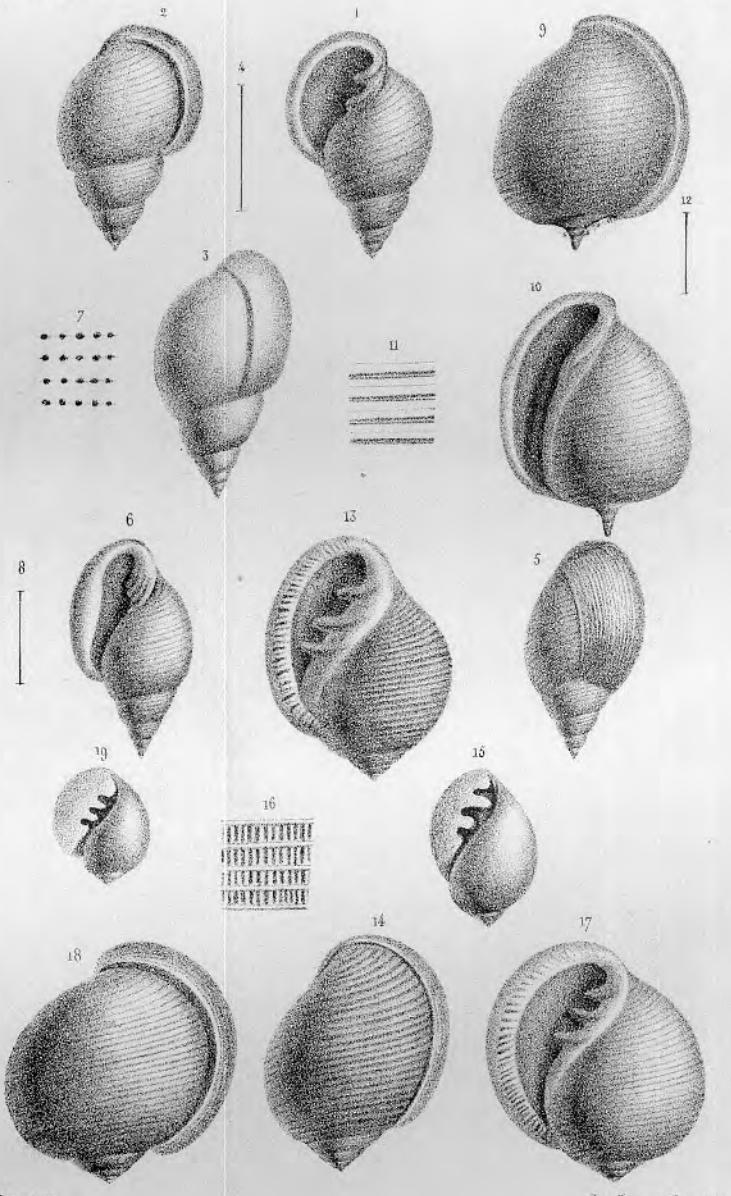


J. Delarue del. Im. Lemercier, Benard et C.

1-3 Acteon Dupiniana d'Orb. N.
4-6 A. — affinis, d'Orb. N.
7. A. — Asteriana, d'Orb. N.
8-9 A. — marginata, d'Orb. N.
10-12 A. — albensis, d'Orb. N.

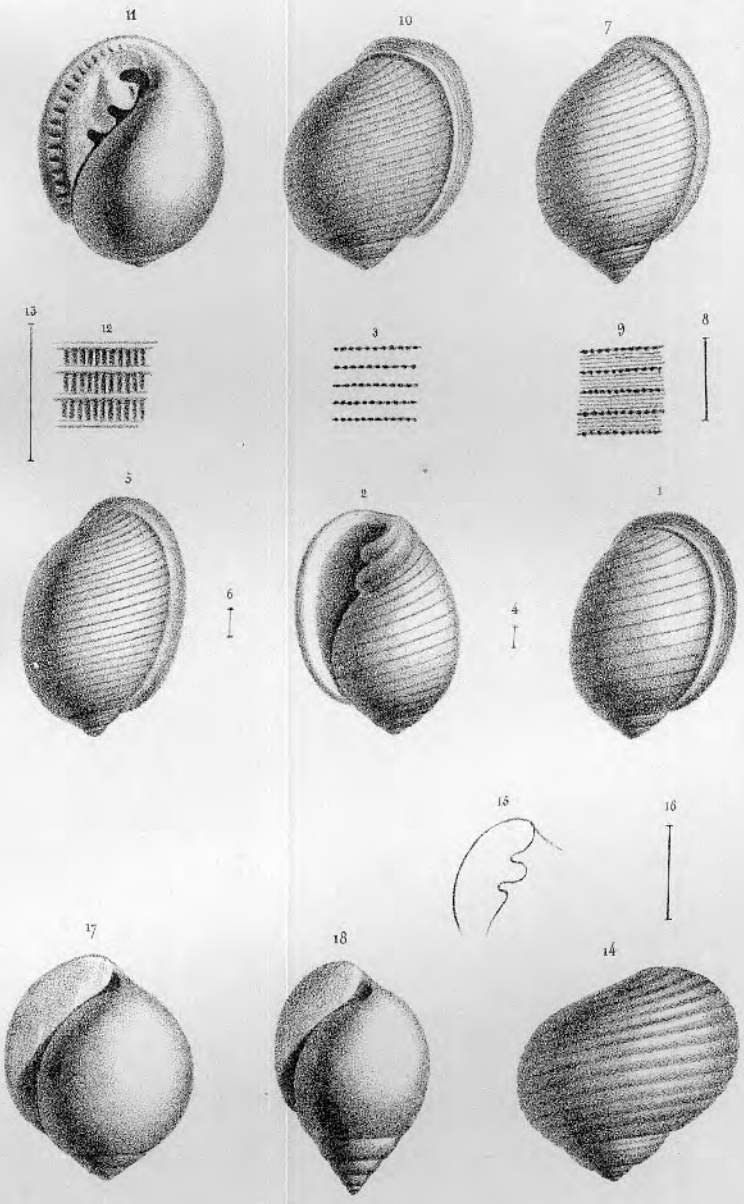
13-15. A. — ingens, d'Orb. N.
16-18. A. — Vibrayeana, d'Orb. G.
19-20 A. — Ovum, d'Orb. C.C.
21-23. Ringinella lacryma, d'Orb. G.

21, 22, 23.



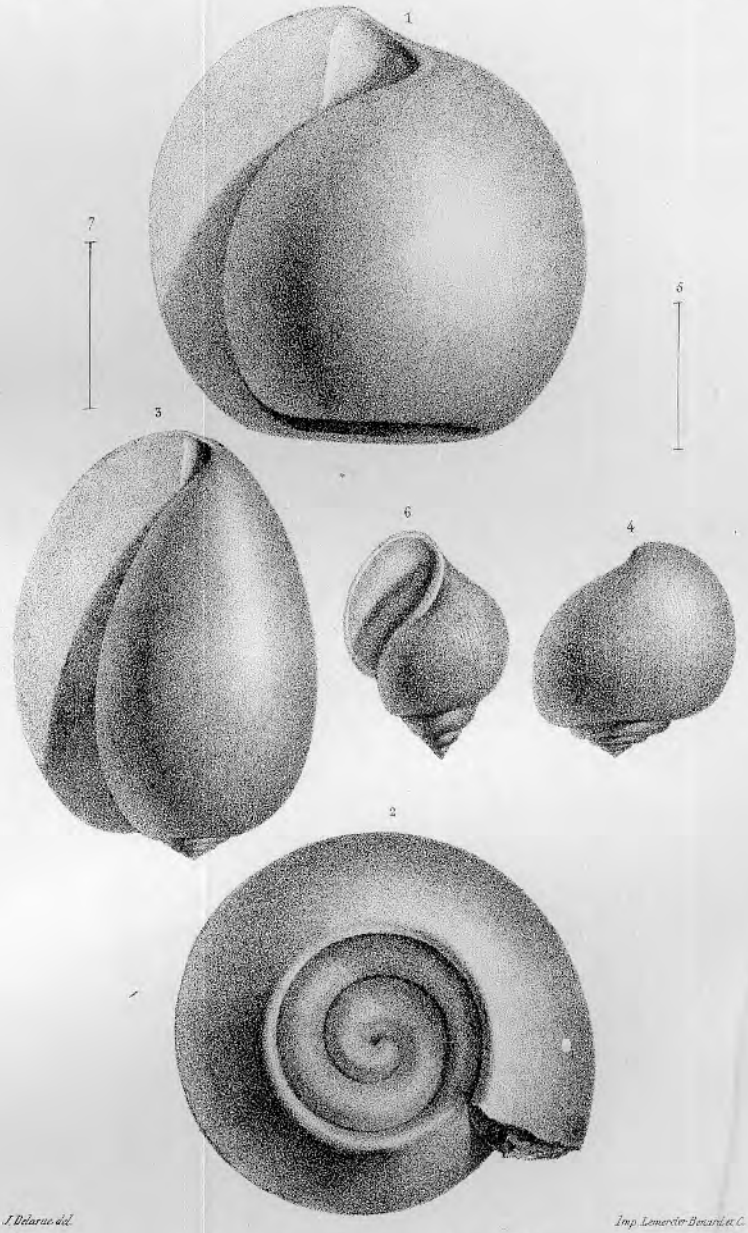
J. Delarue del. Imp. Lemercier, Benard et C.

1.4. Ringenella inflata, d'Orb. G.
5.8. R. ——— Clementina, d'Orb. G.
9.12. Avellana globulosa, d'Orb. G.
13.16. A. ——— incrassata, d'Orb. G.
17.19. A. ——— Hugardiana, d'Orb. G.



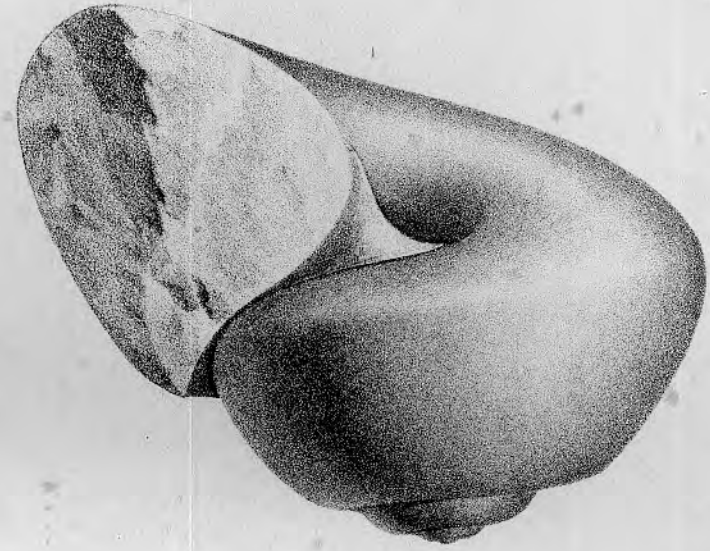
J. Delarue del. Imp. Lemercier Bernard et C.

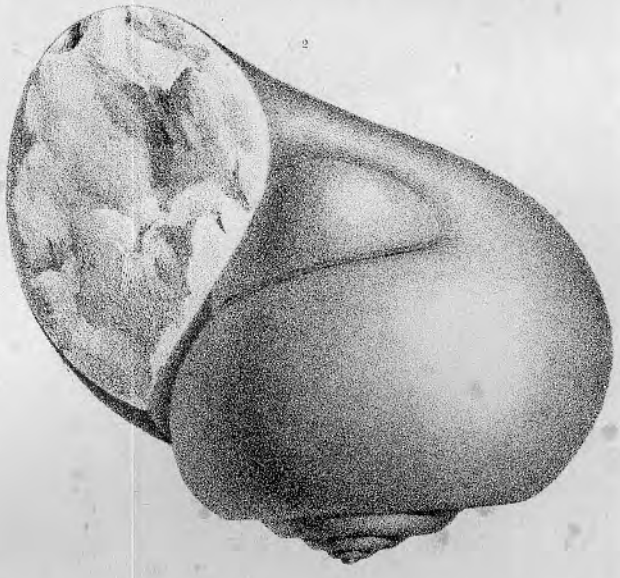
1.4. *Avellana lapiniana d'Orb. G.*
5.6. *A. ovula, d'Orb. G.*
7.9. *A. Archiaciana, d'Orb. C.C.*
10.13. *A. Cassis, d'Orb. C.C.*
14.16. *A. oyana, d'Orb. C.C.*
17. *Globiconcha rotundata d'Orb. C.C.*
18. *O. Fleuriausa, d'Orb. C.C.*



J. Delarue del. Imp. Lemercier-Bonard et C.

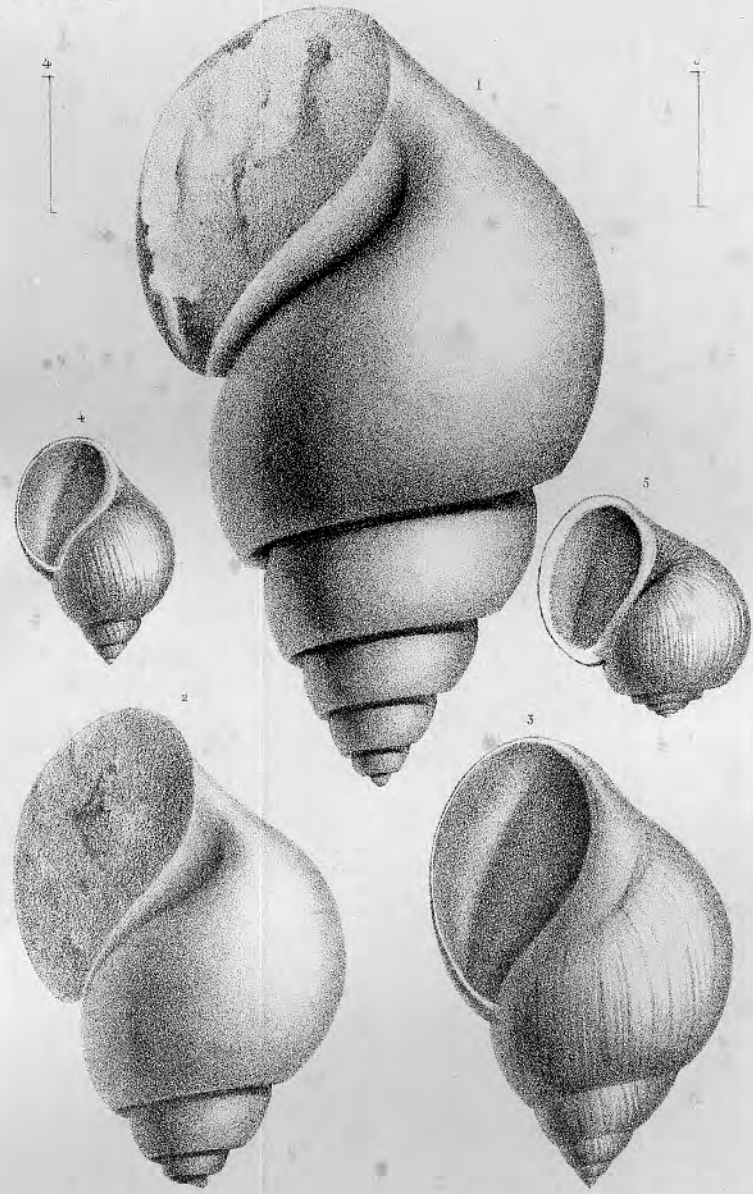
1 2. Globiconcha Marrotiana d'Orb. C.C.
3. G_____ ovula, d'Orb. C.C.
4 6. Natica lævigata, d'Orb. N.
7 8. N_____ Cornueliana, d'Orb. N.





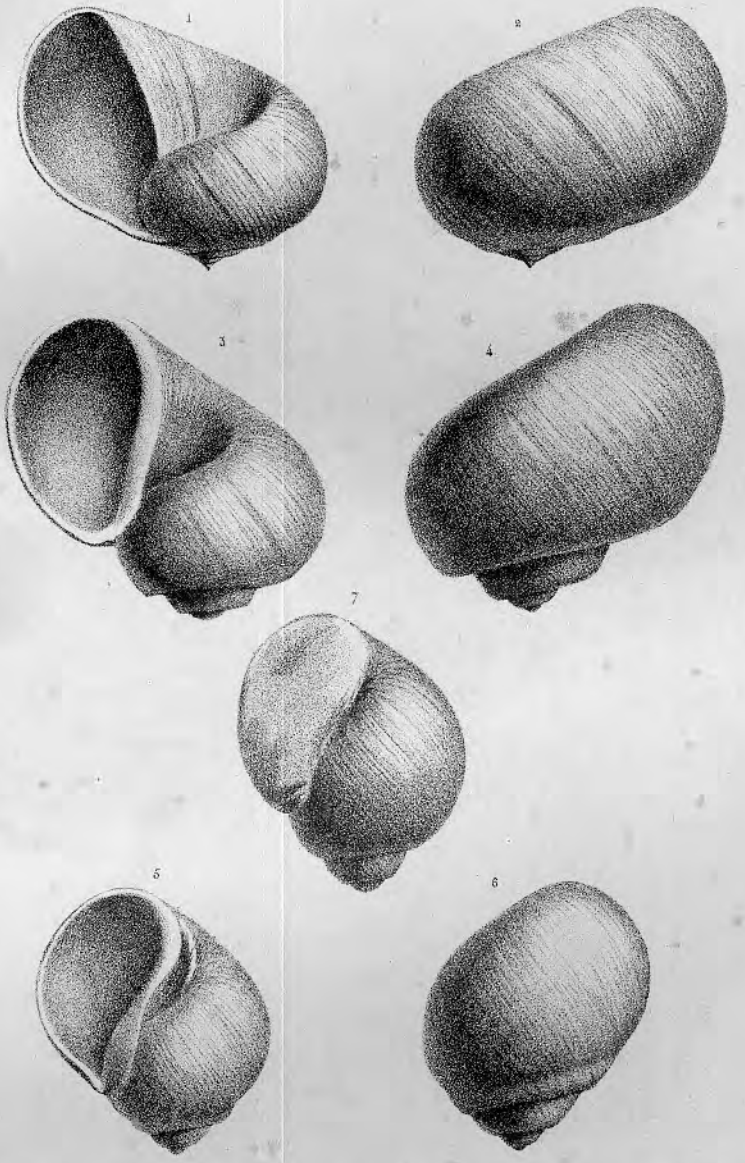
J. Delarue del. Imp. Lemercier Benard et C.

1. *Natica Coquandiana*, d'Orb. N.
2. N. — *Hugardiana*, d'Orb. N.



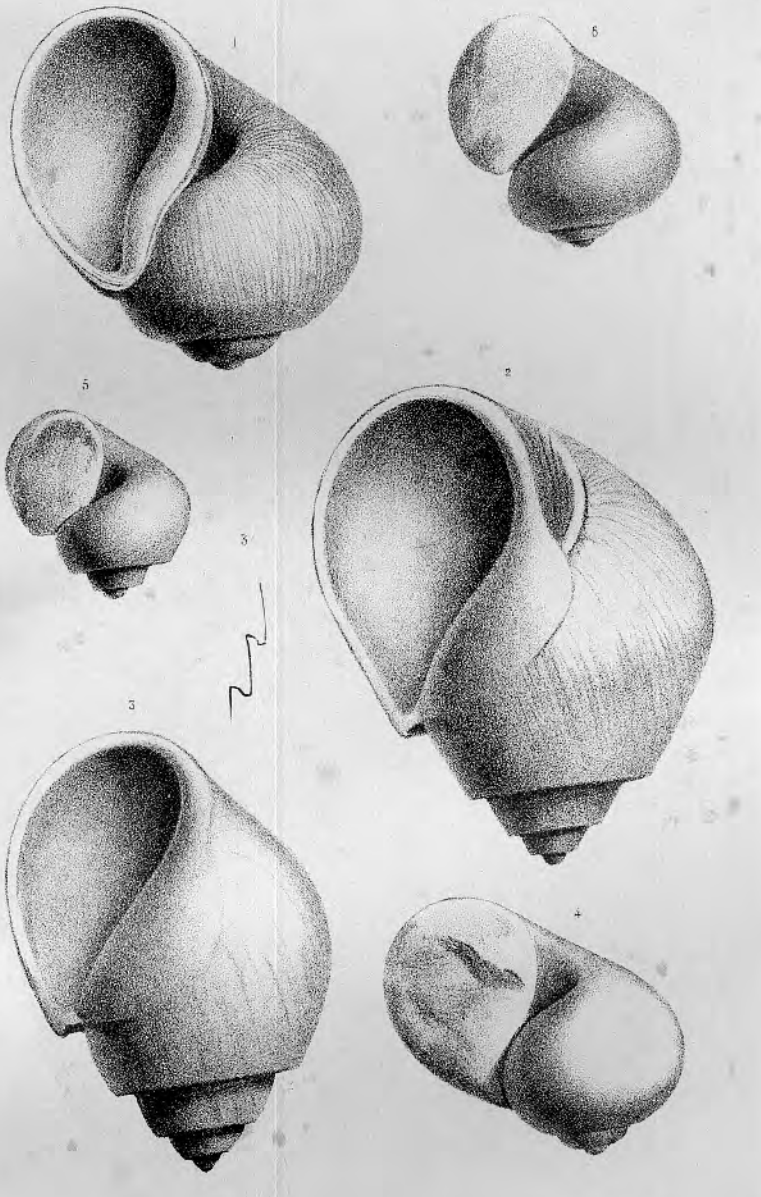
Imp. Lemercier, Benard et C.

1. *Natica protonga*, Desh. N.
2. 3. N. — *bulimoides*, d'Orb. N.
4. N. — *Clementina*, d'Orb. G.
5. N. — *lyrata*, Sowerby C.C.



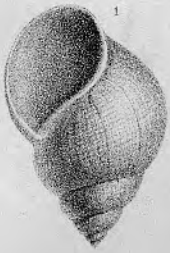
J. Delarue del. Imp. Lemercier, Bernard et C.

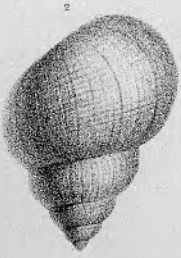
1.2. *Natica excavata, Michelin. G.*
3.4 *N.* ____ *Gaultina, d'Orb. G.*
5.6 *N.* ____ *Dupinii, Leym. G*
7 *N.* ____ *ervyna, d'Orb. G*

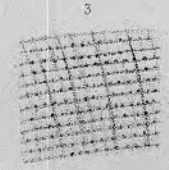


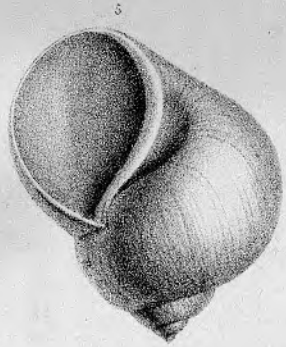
J. Delarue del. Im. Lemercier Benard et C.

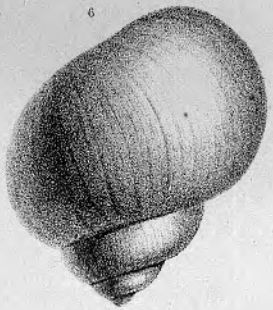
1. *Natica Rau'iniana*, d'Orb. G.
2. *N.* — *Requieniana*, d'Orb. C.C.
3. *N.* — *bulbiformis*, Sowerby. C.C.
4. *N.* — *difficilis*, d'Orb. C.C.
5. *N.* — *Martinii*, d'Orb. C.C.
6. *N.* — *royana*, d'Orb. C.C.

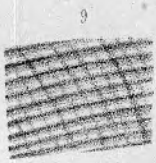


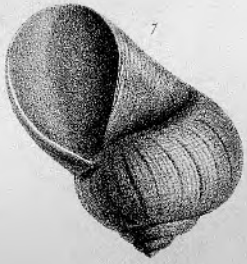


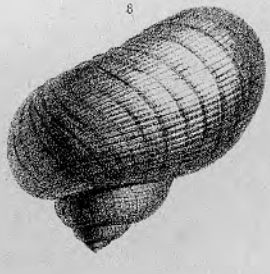






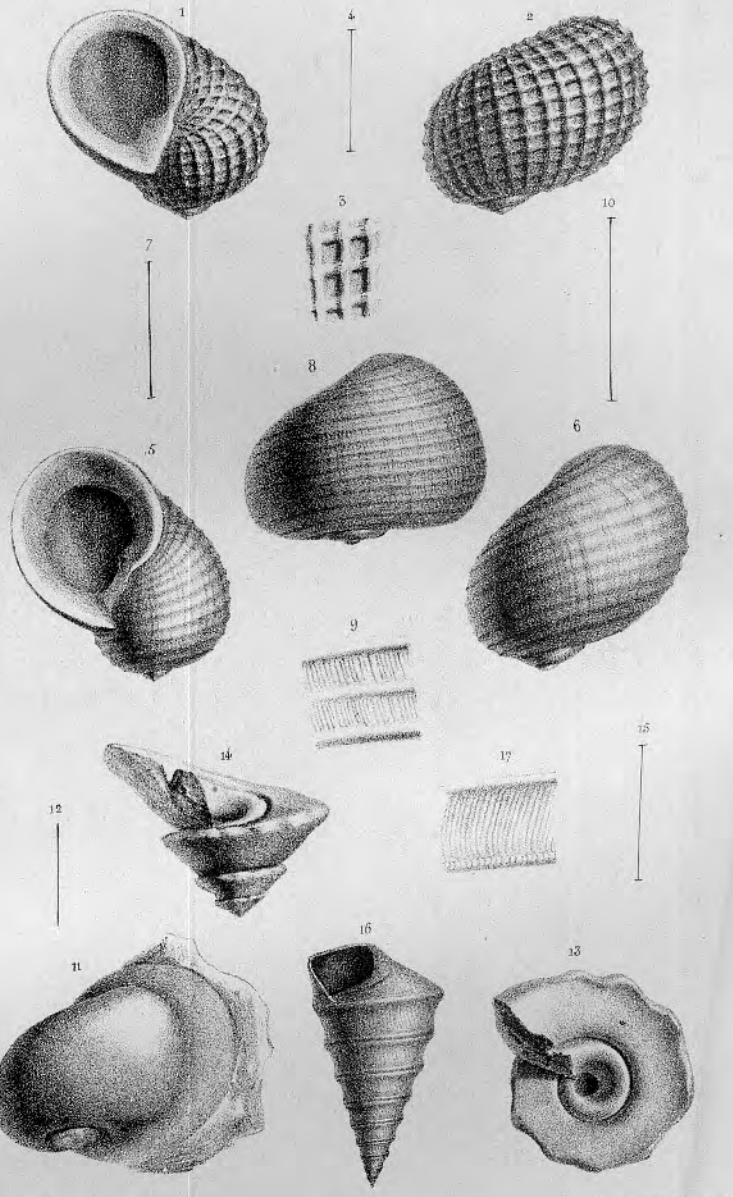






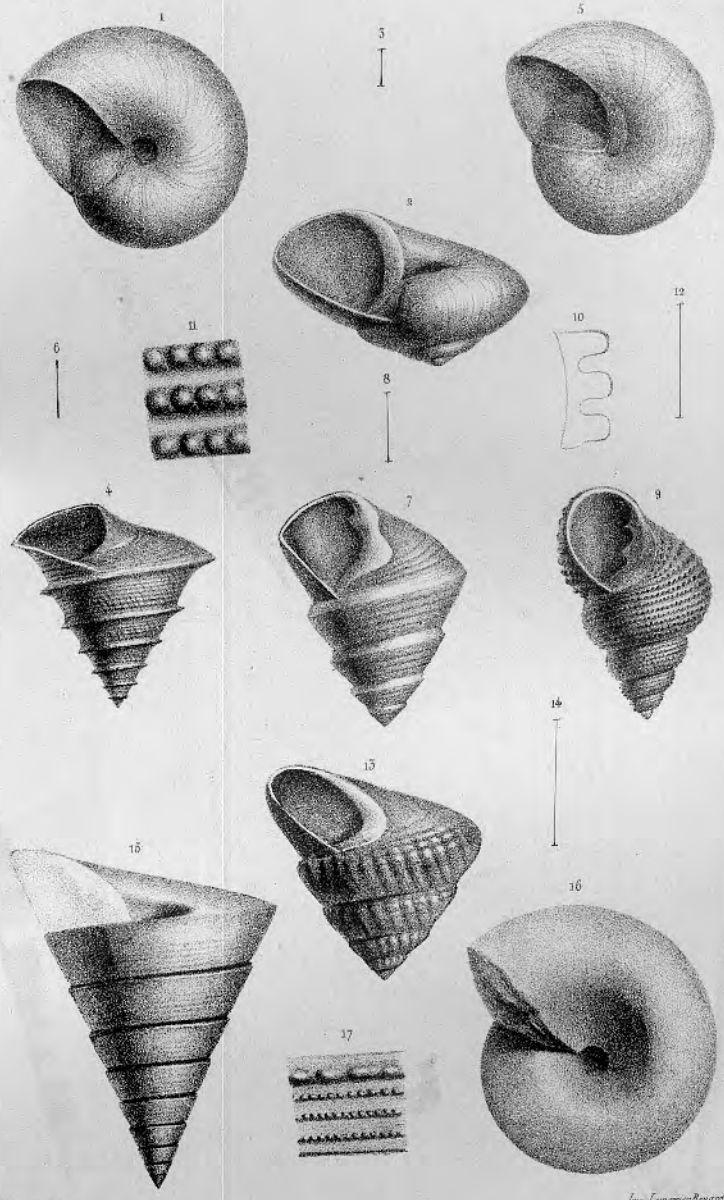
J. Delarue del. Imp. Lemercier, Benard et C.

1. 4. *Natica cassisiana*, d'Orb. cc.
5. 6. *N. — Matheroniana*, d'Orb. cc.
7. 10. *Narica cretacea*, d'Orb. cc.



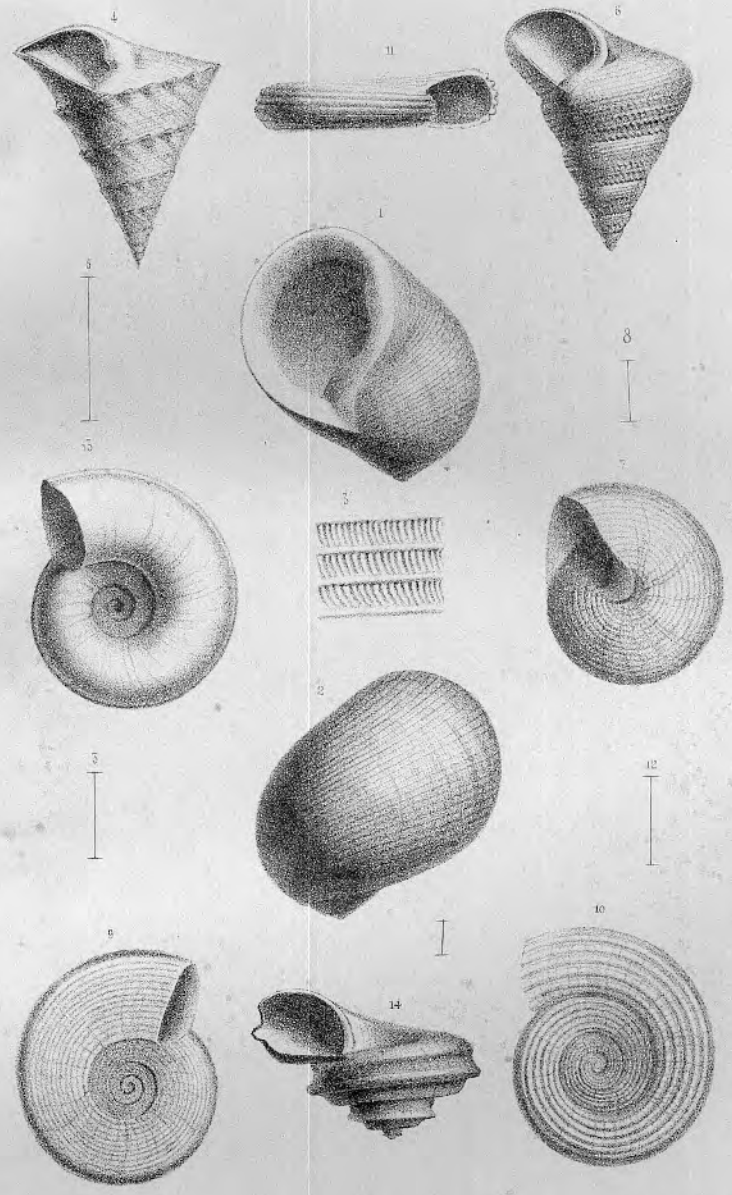
Delarue del. Im. Lemercier Benard et C.

1. 4. *Neritopsis robineausiana*, d'Orb. N.
5. 7. N. ——— *Renauxiana*, d'Orb. CC.
8. 10. N. ——— *ornata* ——, d'Orb. CC.
11. 12. N. ——— *lævigata*, d'Orb. CC.
13. 15. *Phorus canaliculatus*, d'Orb. CC.
16. 17. *Trochus Astierianus*, d'Orb. N.



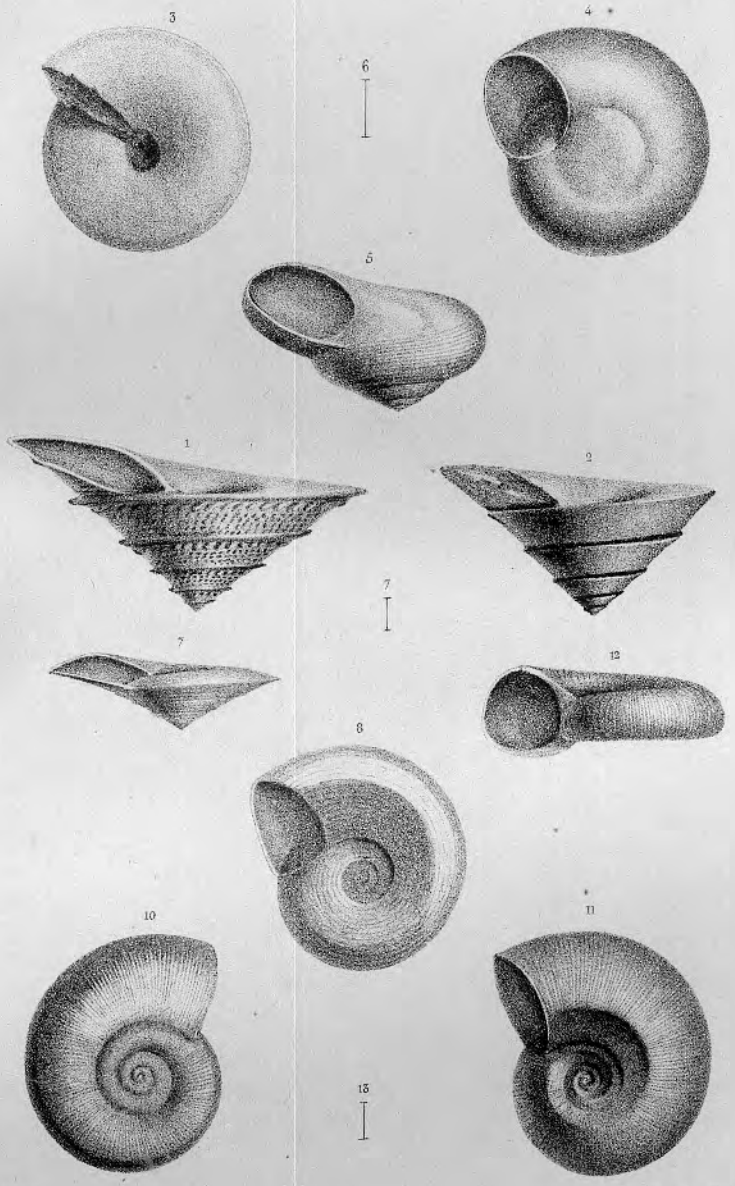
J. Delarue del. Imp. Lemercier-Benard et C.

1. 3. Trochus albensis, d'Orb. N.
4. 6. T. ____ striatulus, Desh. N.
7. 8. T. ____ marullinus, d'Orb. N.
9. 12. T. ____ dentigerus, d'Orb. N.
13. 14. T. ____ Requienianus, d'Orb. CC.
15. 17. T. ____ Marrotianus, d'Orb. CC.



J. Delorme lith. Imp. Lemercier Benard et Cie

1.3. *Nerilopsis pulchella*, d'Orb. C.C.
4.5. *Trochus Guerangeri*, d'Orb. C.C.
6.8. *T.* ——— *sarthinus*, d'Orb. C.C.
9.12. *Solarium Guerangeri*, d'Orb. C.C.
13.15. *S.* ——— *scalaris*, d'Orb. C.C.

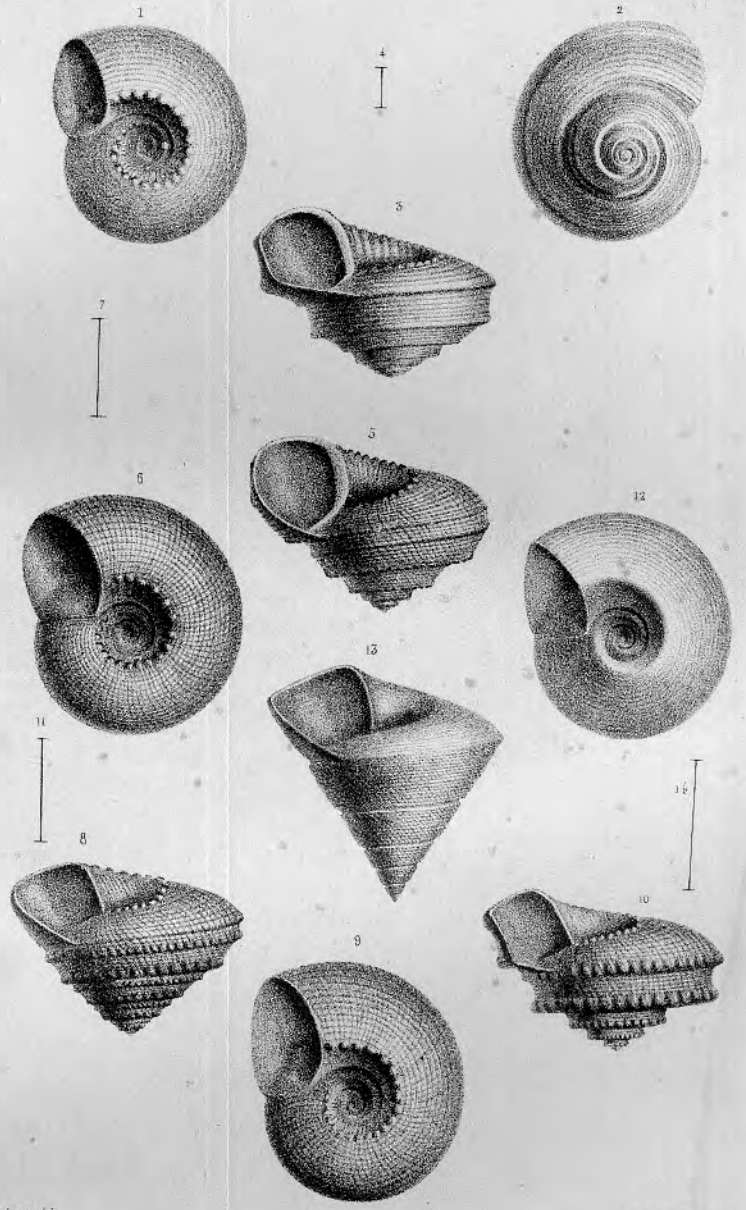


J. Delarue del.

Imp. Lemercier, Bonard et C.

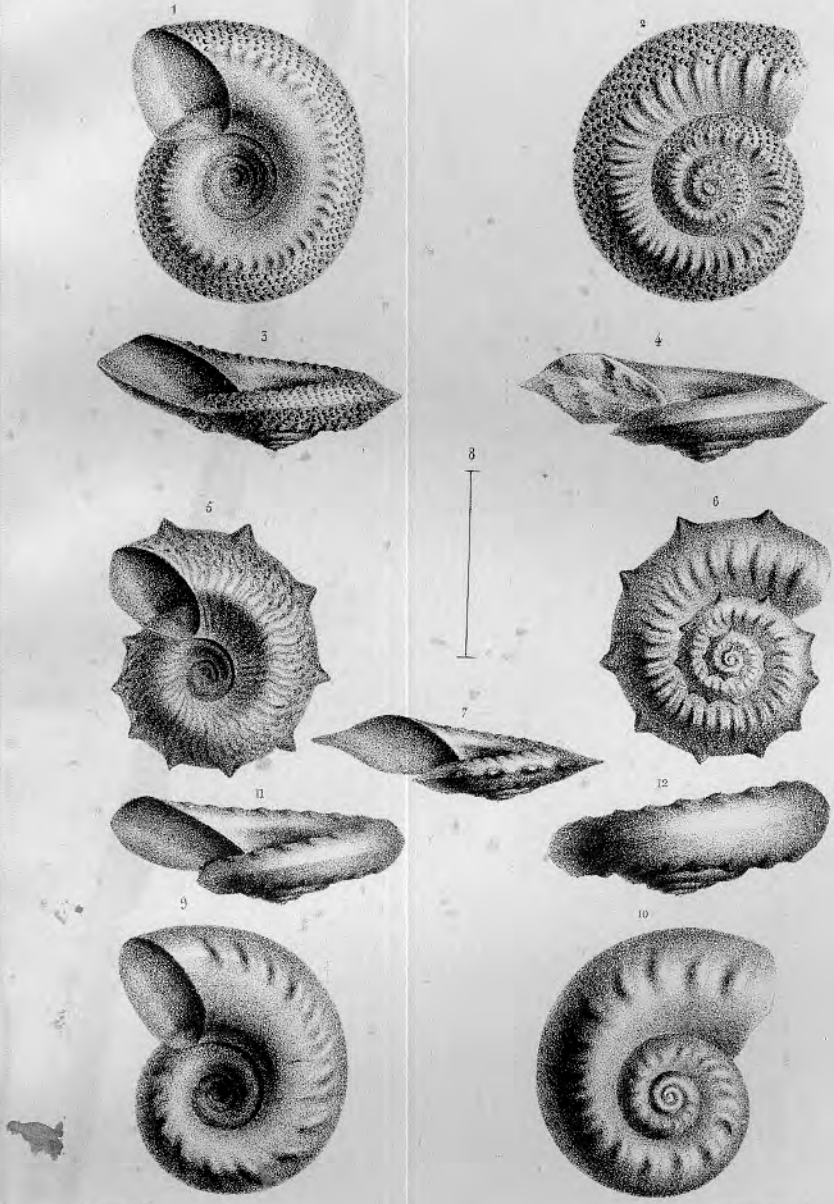
1-3. *Trochus girondinus*, d'Orb. cc.
4-6. *Rotella Archiaciana*, d'Orb. cc.

7-9. *Solarium dilatatum*, d'Orb. N.
10-13. *S.* ____ *Dipintanum*, d'Orb. N.



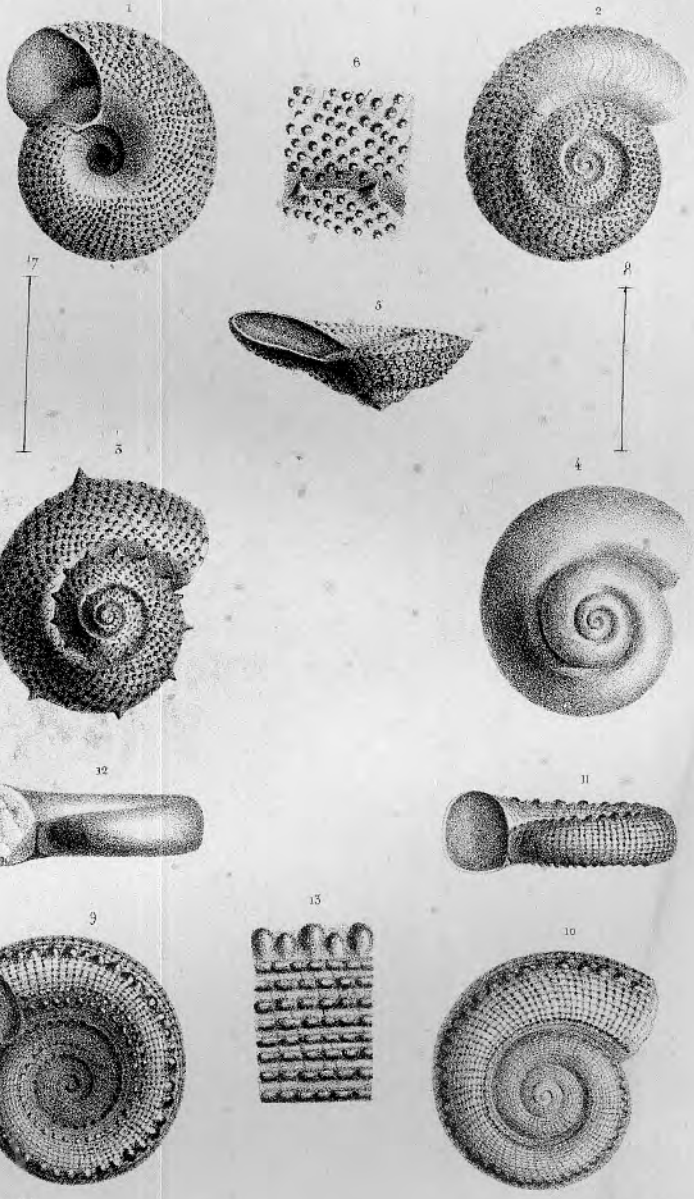
J. Delarue del. Im. Lemercier-Benard et C.

1. 4. *Solarium neocomiensis*, d'Orb. N.
5. 7. S. ——— *Astierianum*, d'Orb. G.
8. 12. S. ——— *moniliferum*, Michelin G.
13. 16. S. ——— *conoideum*, Fitton G.



J. Delarue del. Imp. Lemercier Bessard et C.

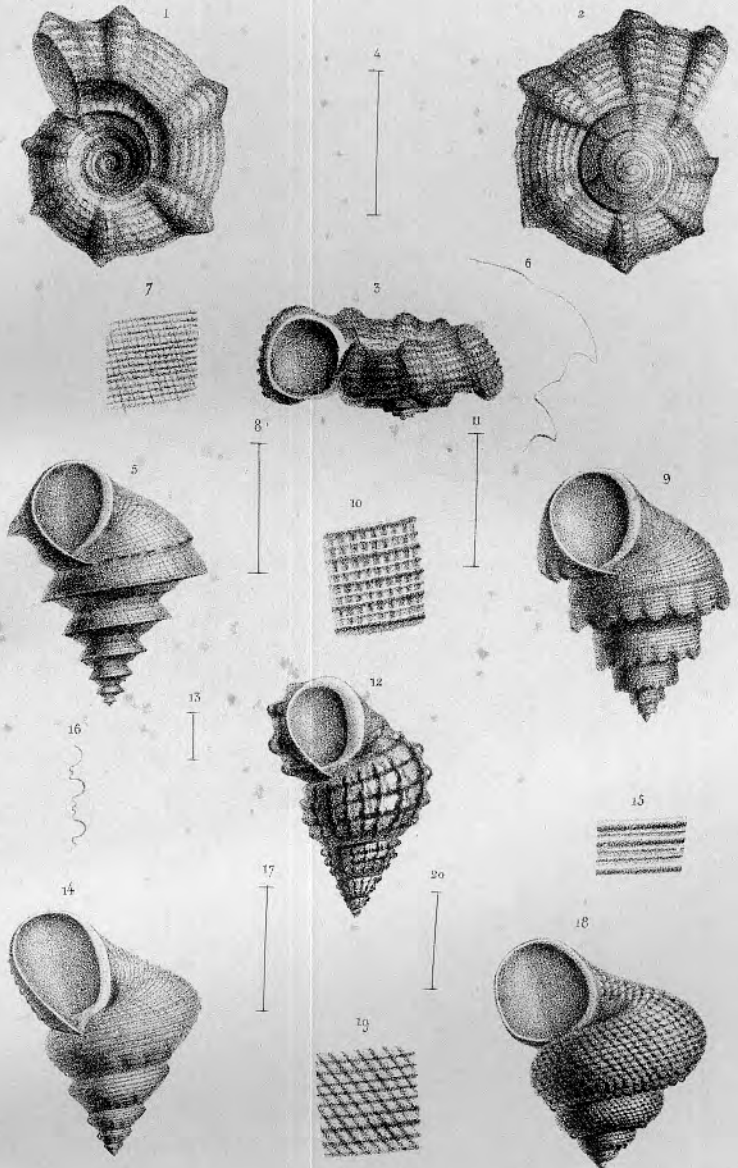
1. 4. *Solarium ornatum*, Fitton G.
5. 8. *S.* ——— *dentatum*, d'Orb. G.
9. 12. *S.* ——— *cirroides*, d'Orb. G.



J. Delarue del.

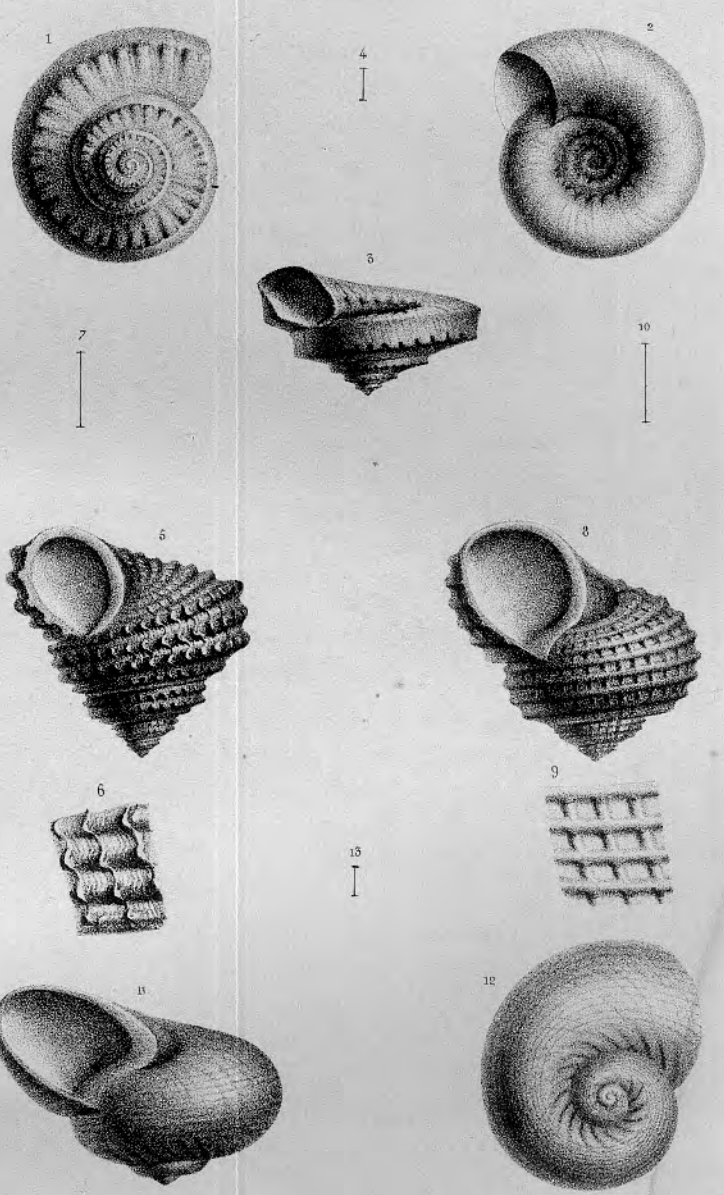
Im. Lemercier, Bouard & C.

1-7. *Solarium granosum, d'Orb. G.*
8-13. *S. ——— Martinianum, d'Orb. G.*



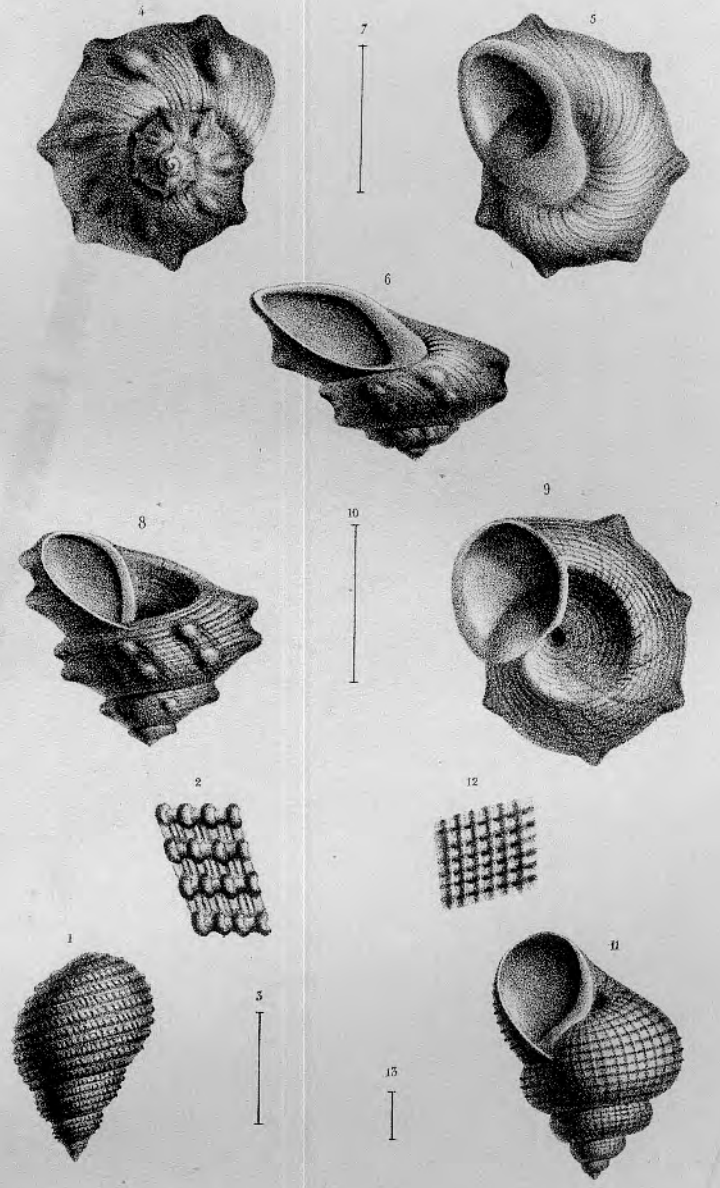
J. Delarue del. Imp. Lemercier Bonard et C.

1. 4. *Delphinula Dupiniana*, d'Orb. N.
5. 8. *Turbo Desvoidyi*, d'Orb. N.
9. 11. *T.* ——— *actinoratus*, Desh. N.
12. 15. *T.* ——— *marullinus*, d'Orb. N.
14. 17. *T.* ——— *inconstans*, d'Orb. N.
18. 20. *T.* ——— *Asturianus*, d'Orb. G.



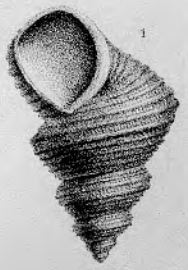
J. Delarue lith. Imp. Lemercier Benard et C.

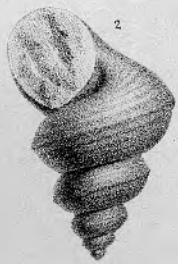
1. 4. *Solarium albensis*, d'Orb. G.
5. 7. *Turbo Mantelli*, Leymerie N.
8. 10. *T. yonninus*, d'Orb. N.
11. 13. *T. plicatilis*, Deshayes G.

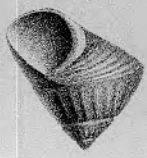


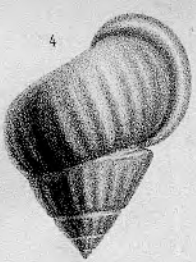
J. Delarue lith. Imp. Lemercier Bernard et C.

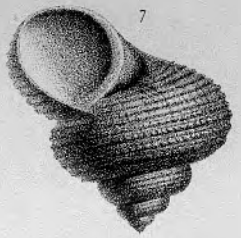
1-3. *Turbo elegans, d'Orb., N.*
4-7. *Turbo Martinianus, d'Orb. G.*
8-10. *T. Pictetianus, d'Orb. G.*
11-13. *T. decustatus, d'Orb. G.*

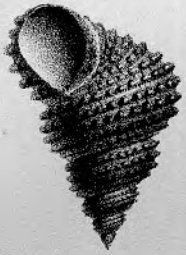






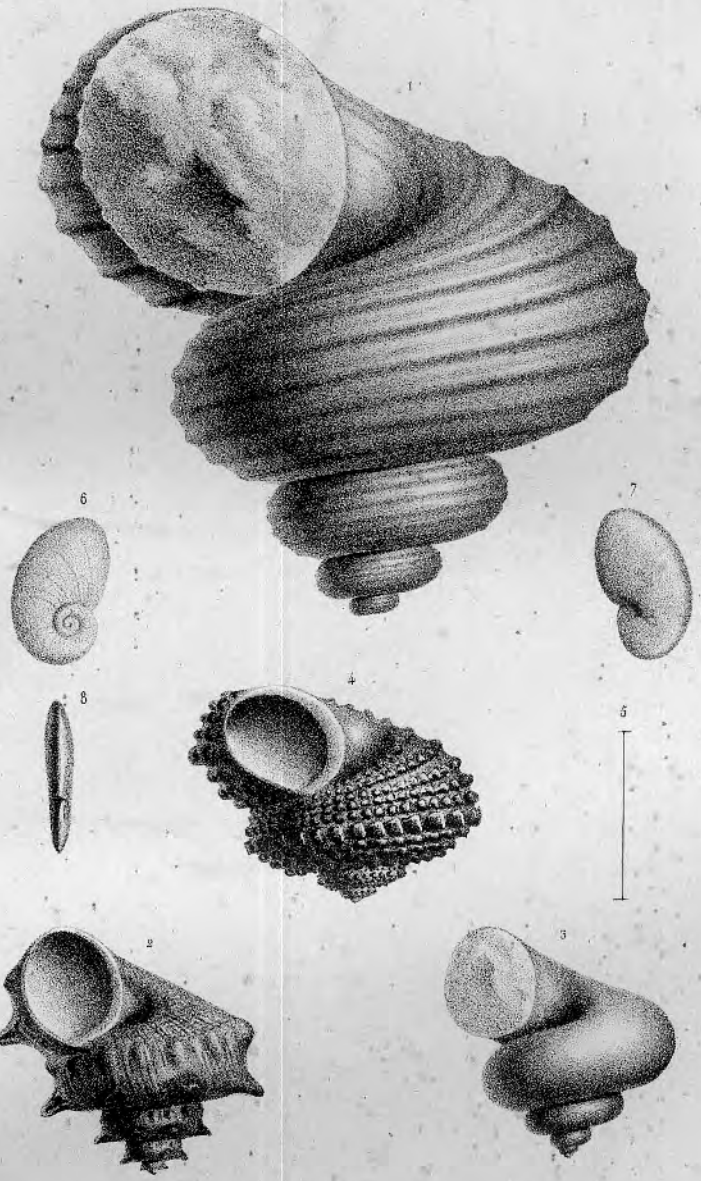






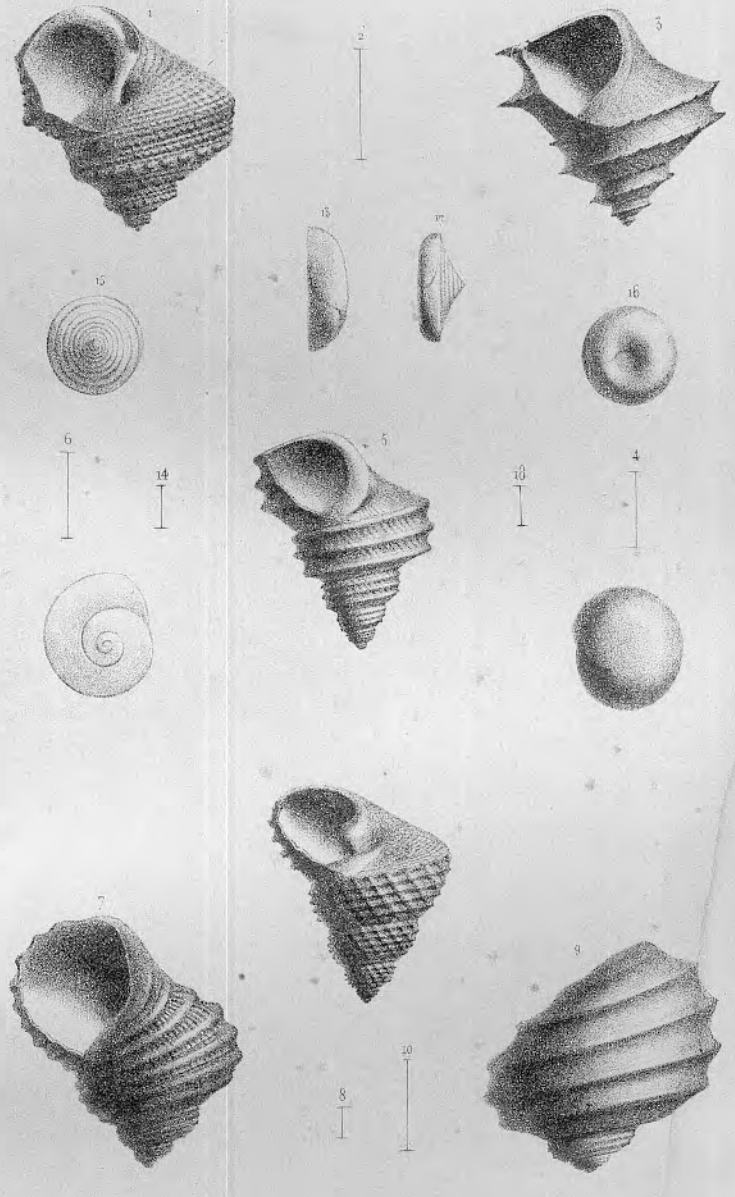
J. Delarue lith. Imp. Lemercier, Benard et C.

1-3. *Turbo Chassyanus*, d'Orb. G.
4-6. *T.* ——— *dispars*, d'Orb. G.
7-10. *T.* ——— *Goupilianus*, d'Orb. CC.
11-14. *T.* ——— *rothomagensis*, d'Orb. CC.



J.Delarue, del. Imp. Lemercier, Renard et C.

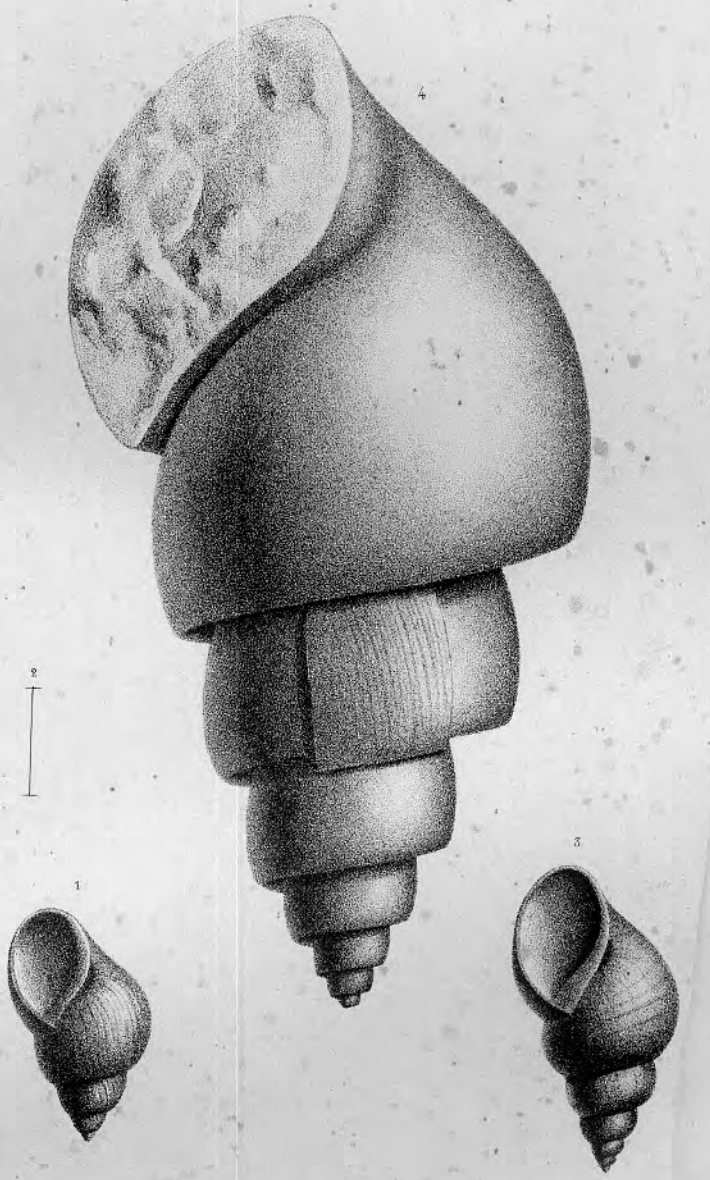
1. *Turbo royanus*, d'Orb. c.c.
2-3. T.____ *Mailleanus*, d'Orb. c.c.
4-5. T.____ *Renauxianus*, d'Orb. c.c.



J. Delarue lith. Imp. Lemoine Bernard et C.

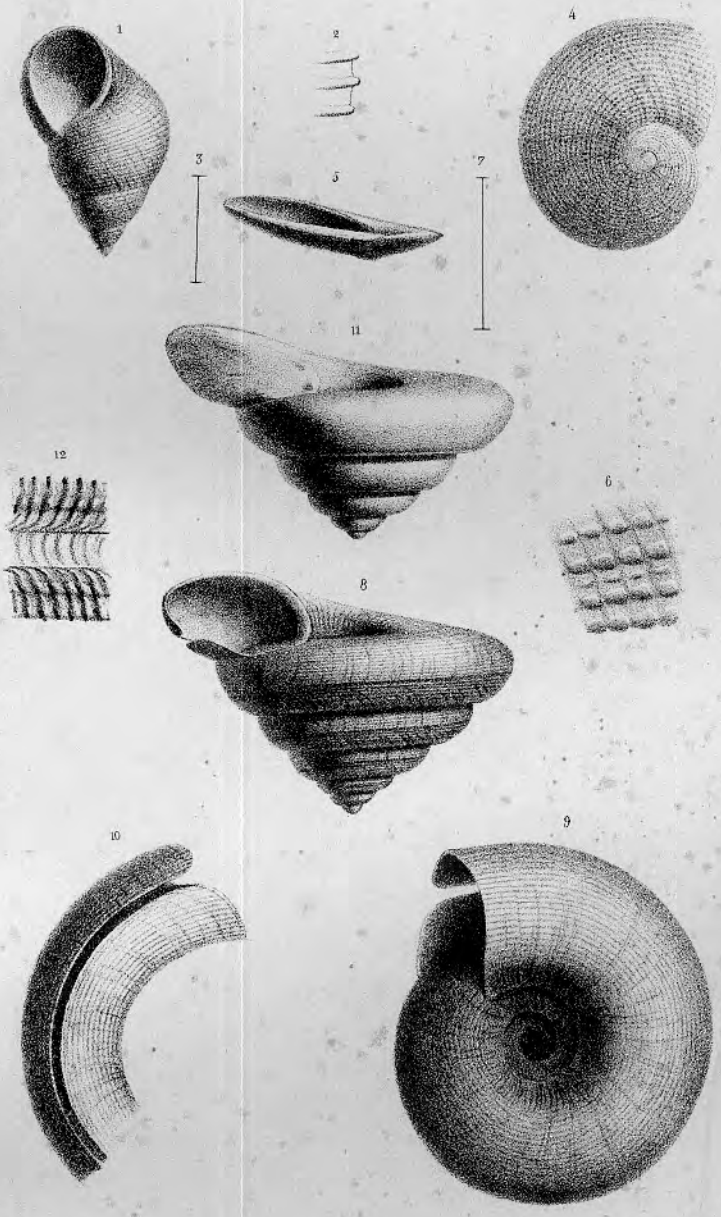
1.2. *Turbo Guerangeri, d'Orb. C.C.*
3.4. *T.____ bicultratus, d'Orb. C.C.*
5.6. *T.____ tricostatus, d'Orb. C.C.*
7.8. *T.____ cretaceus, d'Orb. C.C.*

9.10. *Turbo cognacensis, d'Orb. C.C.*
11.14. *Operculum*
19.20. *Trochus Marçaisi, d'Orb. C.C.*



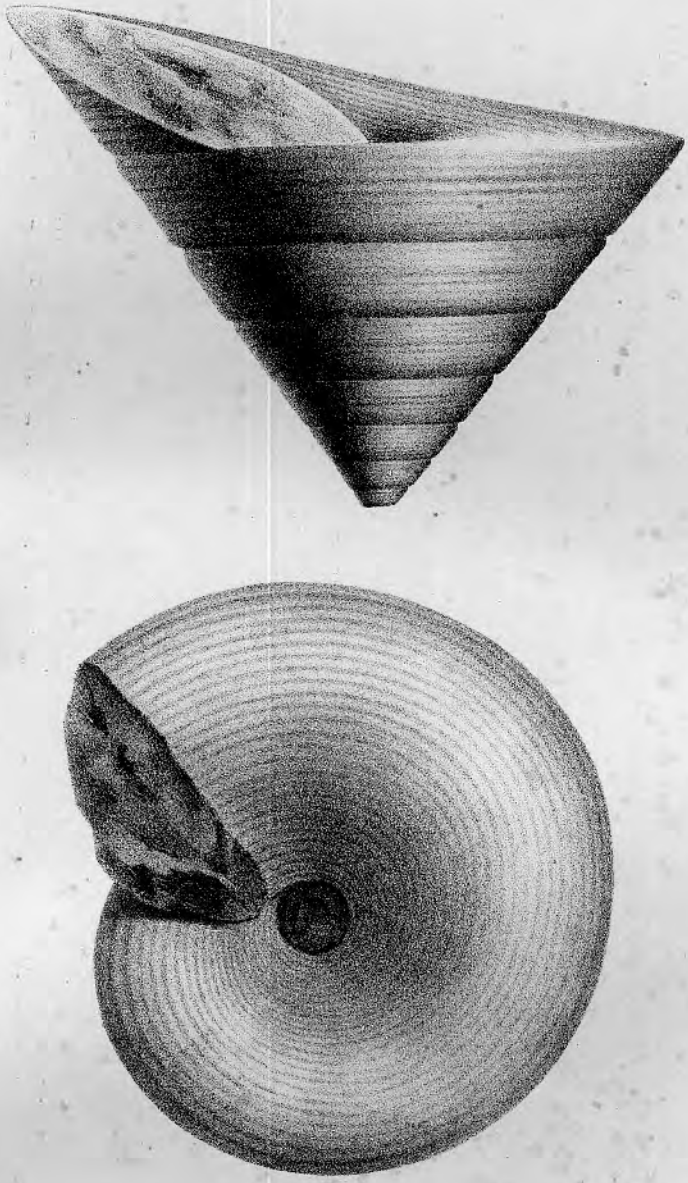
J. Delarue del. Imp. Lemercier Bernard et C.

1.2. *Phasianella neocomiensis, d'Orb. N.*
3. *P.* _____ *gaultina, d'Orb. G.*
4. *P.* _____ *supracretacea, d'Orb. C.C.*



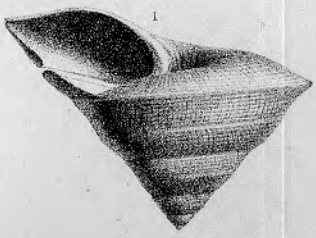
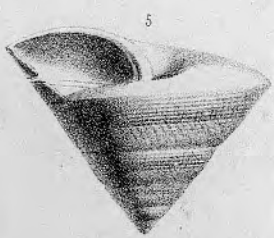
J. Delarue del. Imp. Lemercier Benard & C.

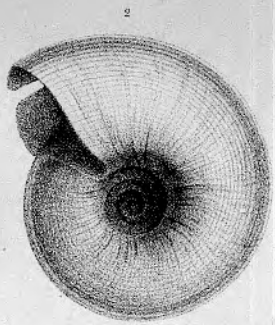
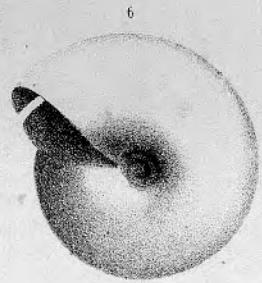
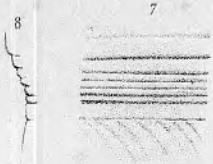
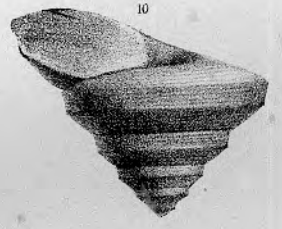
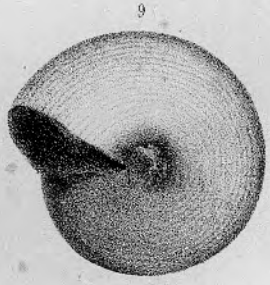
1-3. *Phasianella ervyna*, d'Orb. C.
4-7. *Stomatia aspera*, d'Orb. C.C.
8-12. *Pleurotomaria neocomiensis*, d'Orb. N.



J. Delarue del. Imp. Lemercier Benard et C.

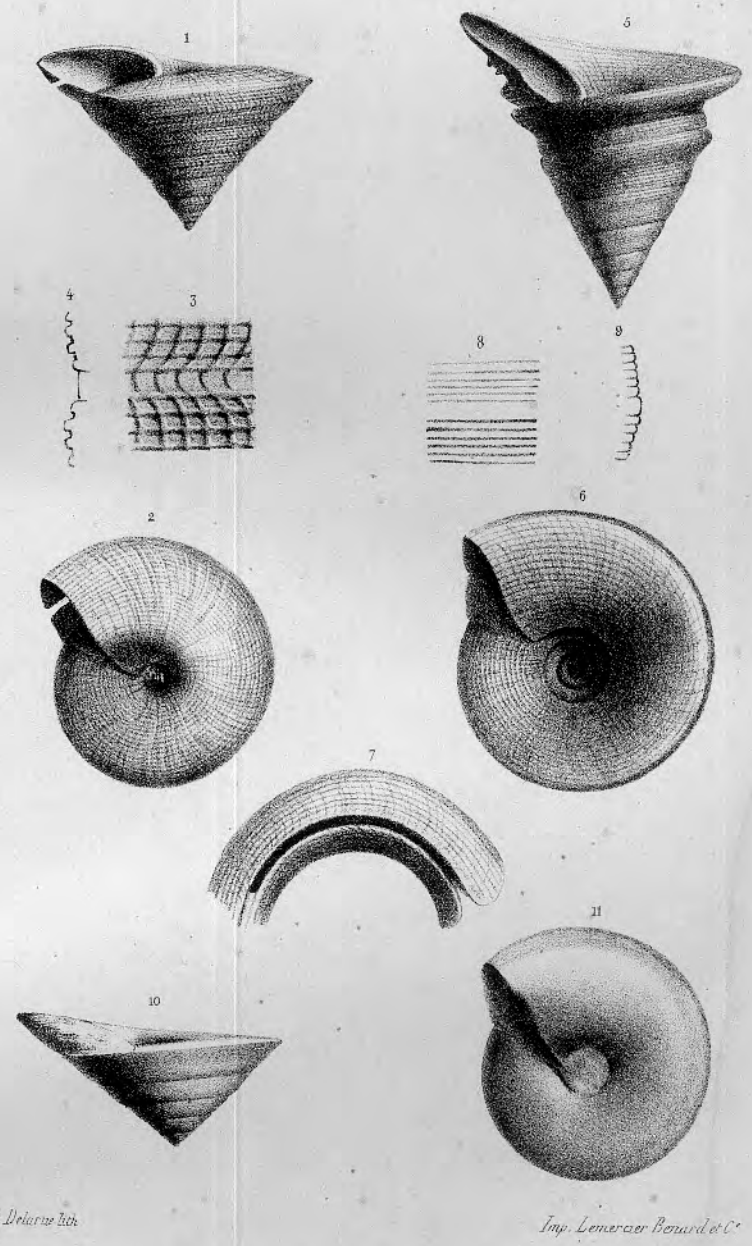
Pleurotomaria Paulletteana. d'Orb. N.

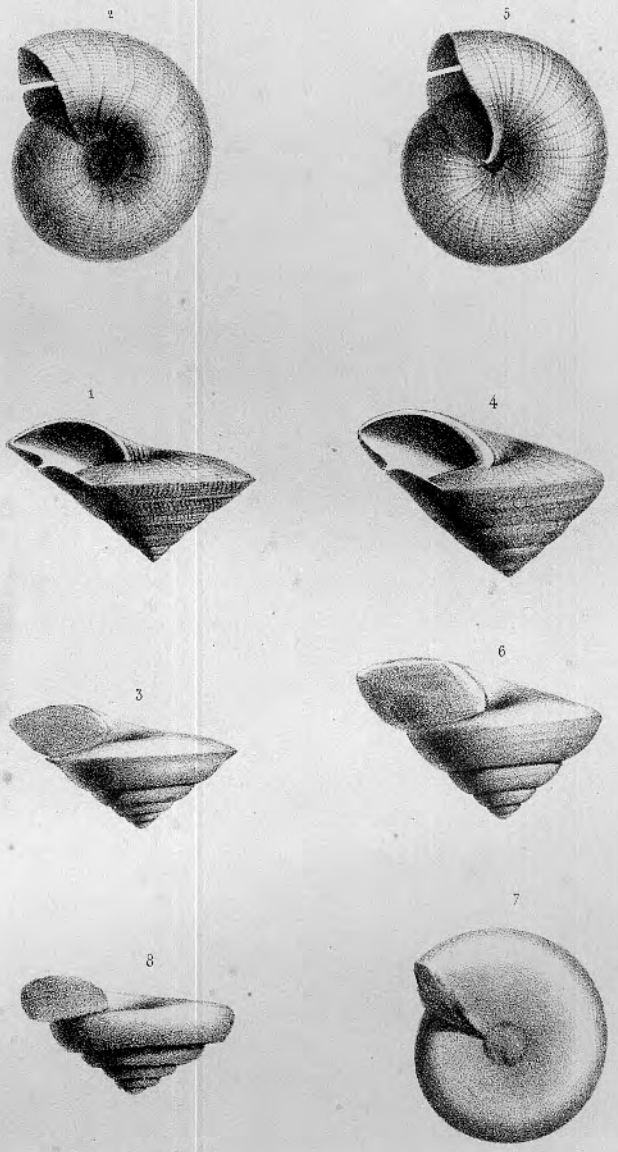
J. Delarue lith. *Imp. Lemercier-Benard et Cie.*

1. 4. *Pleurotomaria elegans, d'Orb. N.*
5. 8. *P. Robineausi, d'Orb. N.*
9. 10. *P. provencialis, d'Orb. N.*



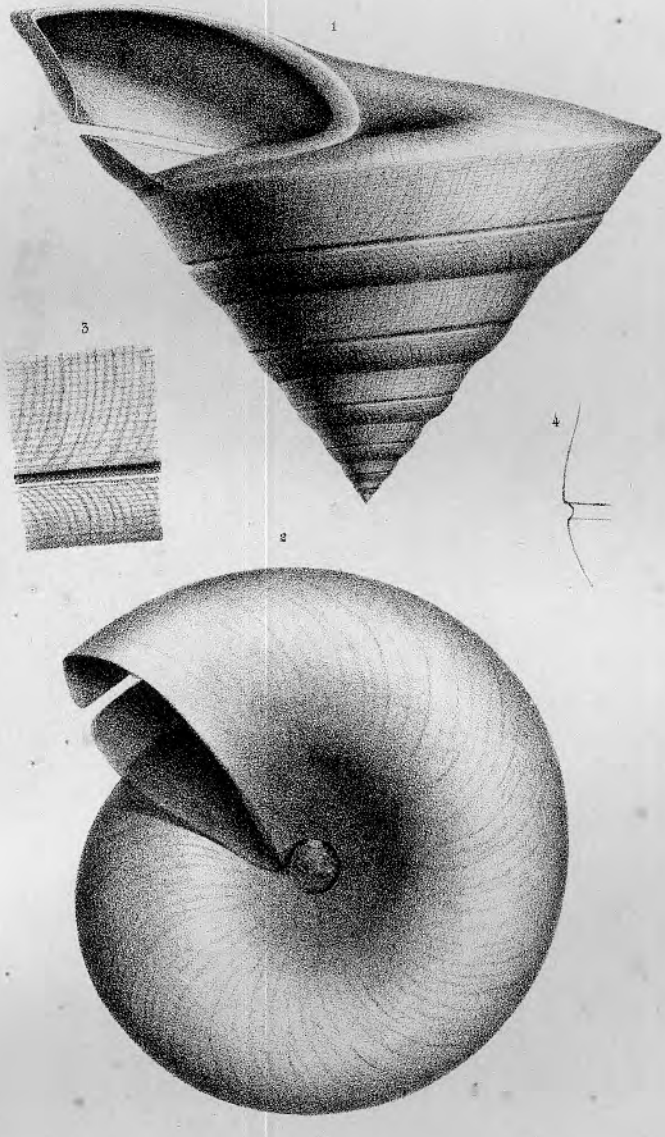
J. Delarue lith. Imp. Lemercier Bonard et Cie

1. 4. *Pleurotomaria Dupiniana, d'Orb. N.*
5. 9. *P. ——— dimorpha, d'Orb. G.*
10. 11. *P. ——— gaultina, d'Orb. G.*



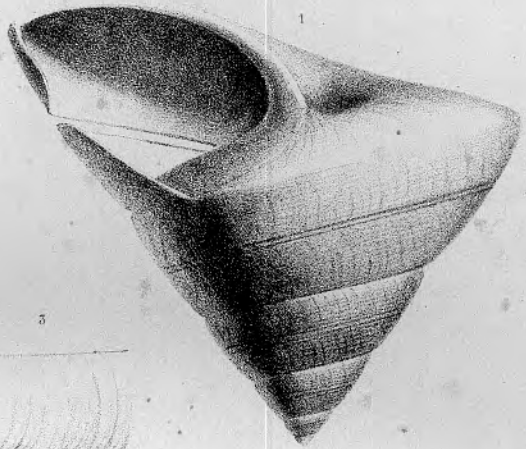
J. Delarue lith. Imp. Lemercier-Benard et C.

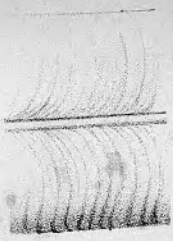
1-3. *Pleurotomaria lima*, d'Orb. G.
4-6. P. _____ *gurgitis*, d'Orb. G.
7-8. P. _____ *rhodani*, d'Orb. G.

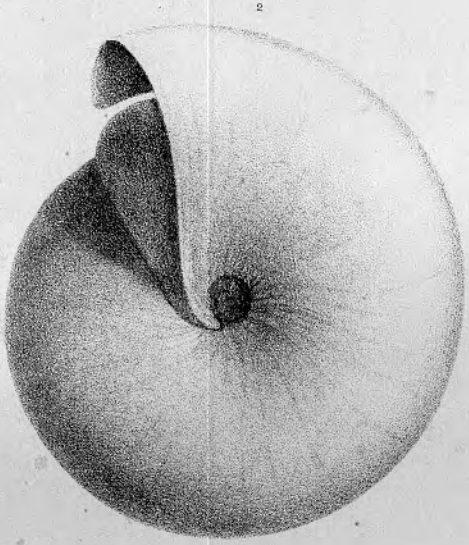


J. Delarue lith. Imp. Lemercier, Benard et C.

Pleurotomaria Delahayesi, d'Orb. C.C.

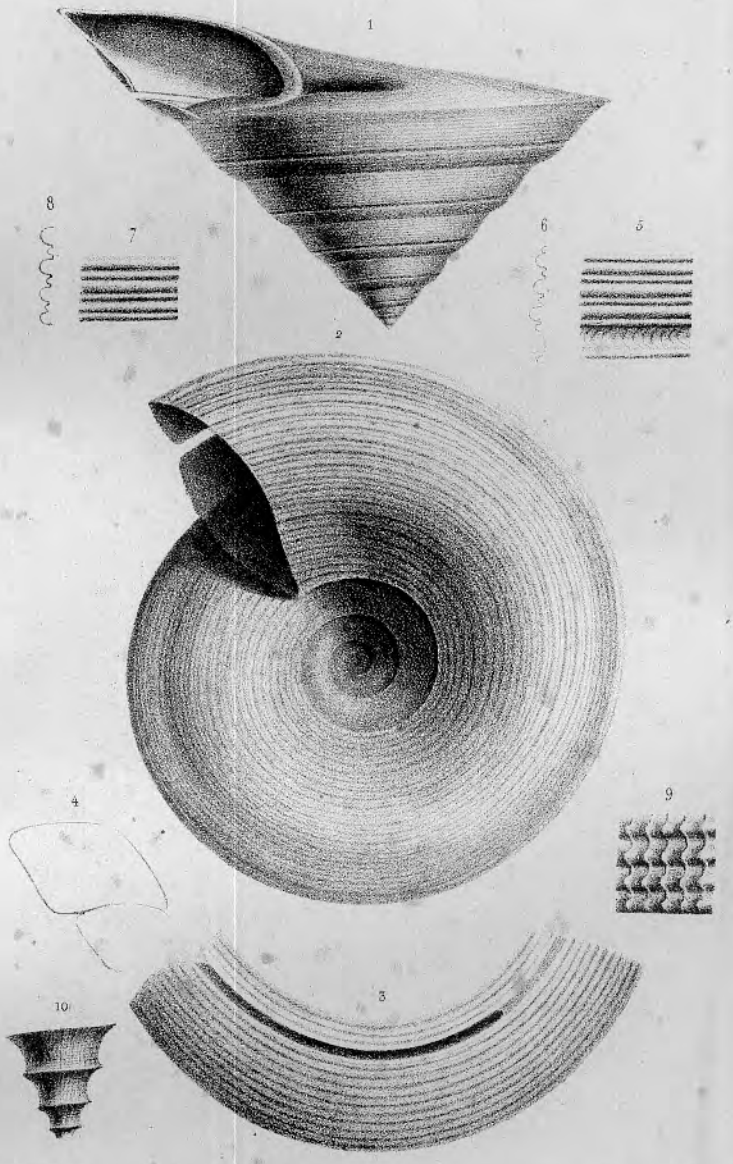






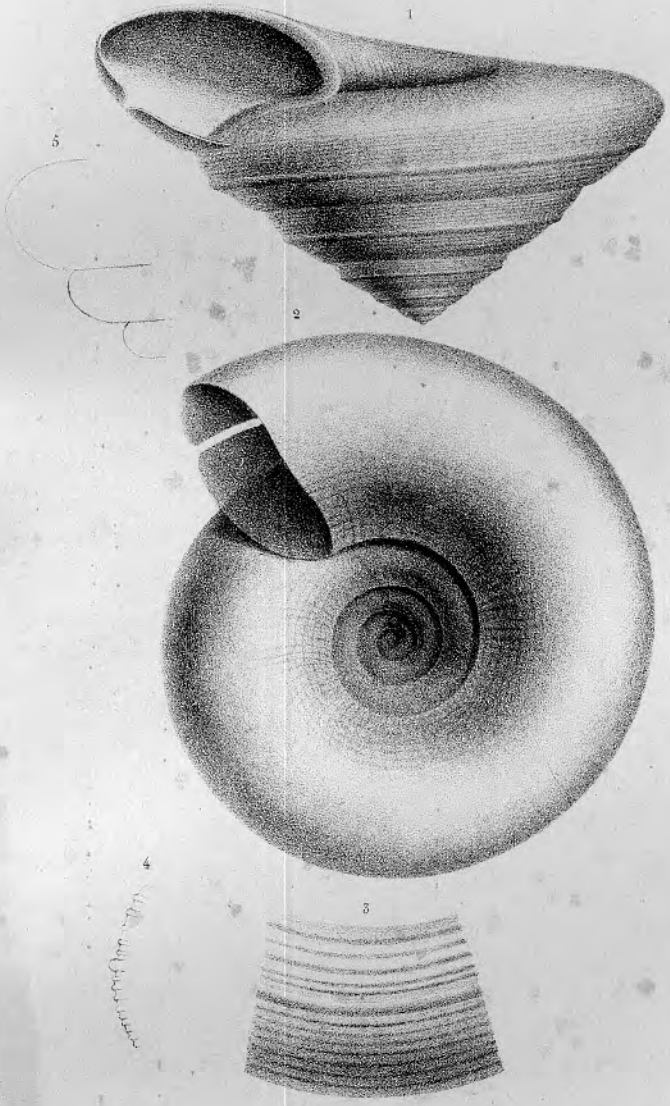
J. Delarue lith. Imp. Lemercier, Benard et Cie

Pleurotomaria simplex, d'Orb. C.C.



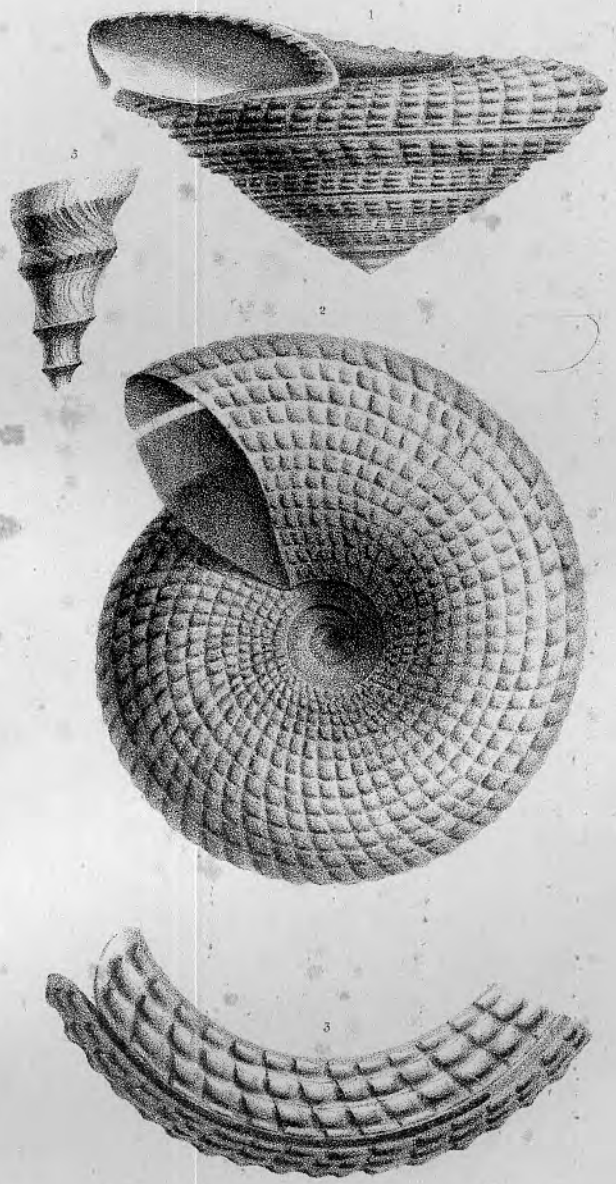
J. Delarue lith. Imp. Lemercier Bénard et C.

Pleurotomaria Mailleana, d'Orb C.C.



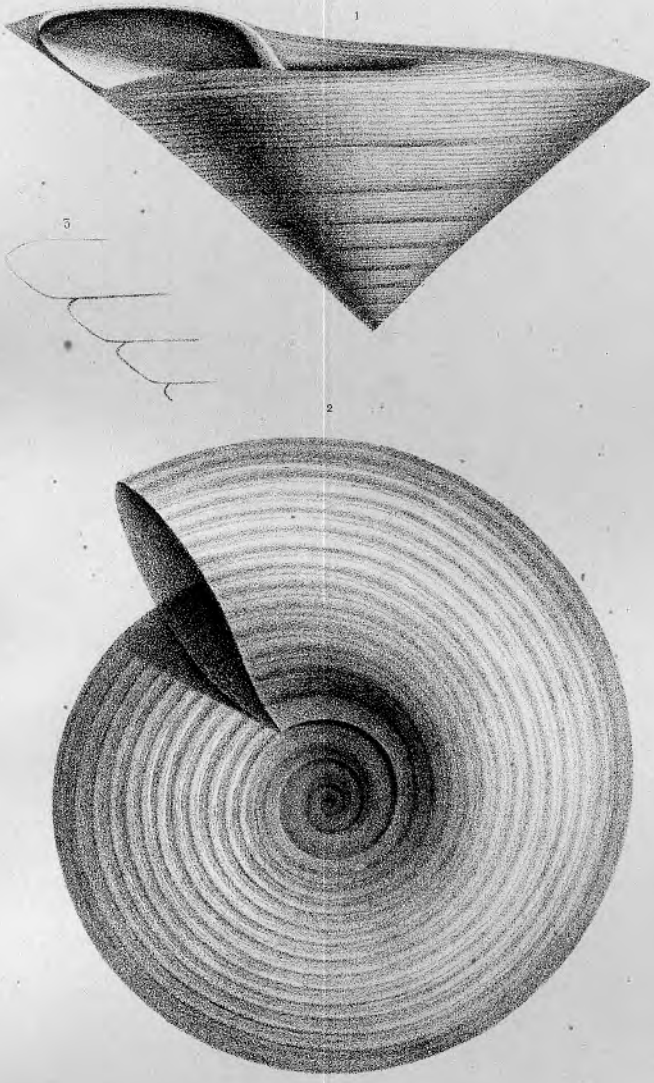
J. Delarue lith. Imp. Lemercier Bénard et Cie

Pleurotomaria perspectiva, Sowerby CC



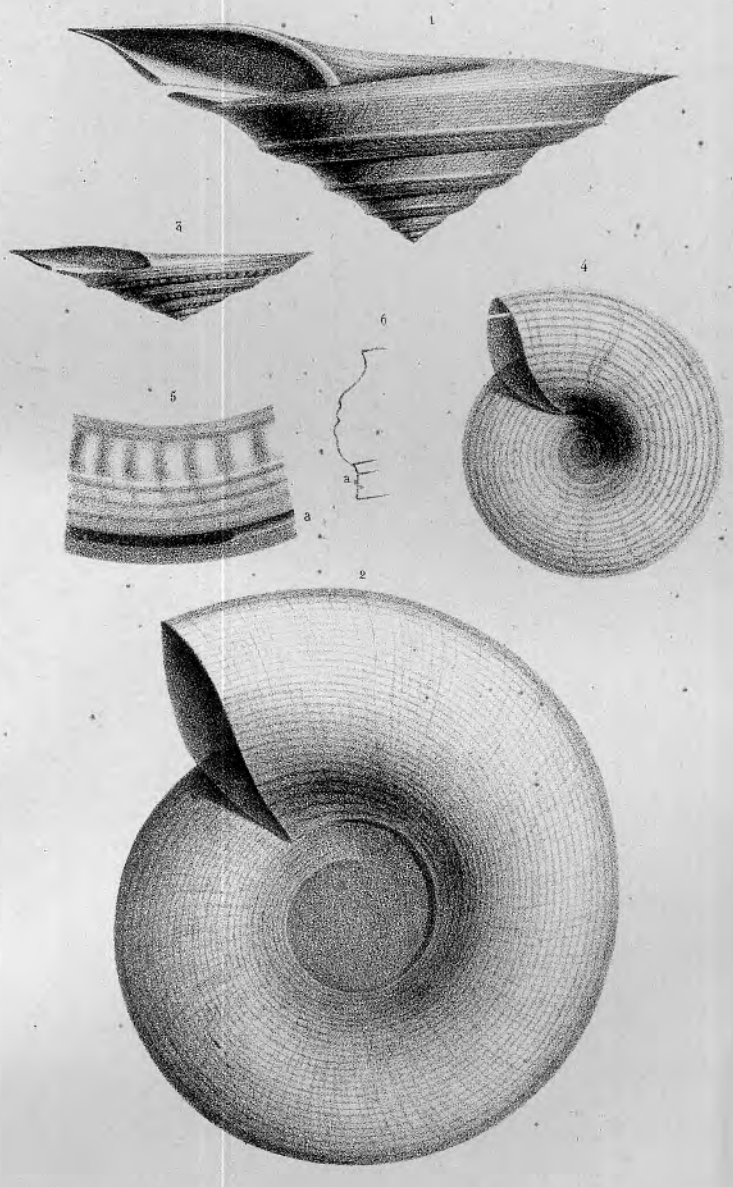
J. Delarue lith. Imp. Lemercier Benard et C.

Pleurotomaria Gallienni, d'Orb. C.C.



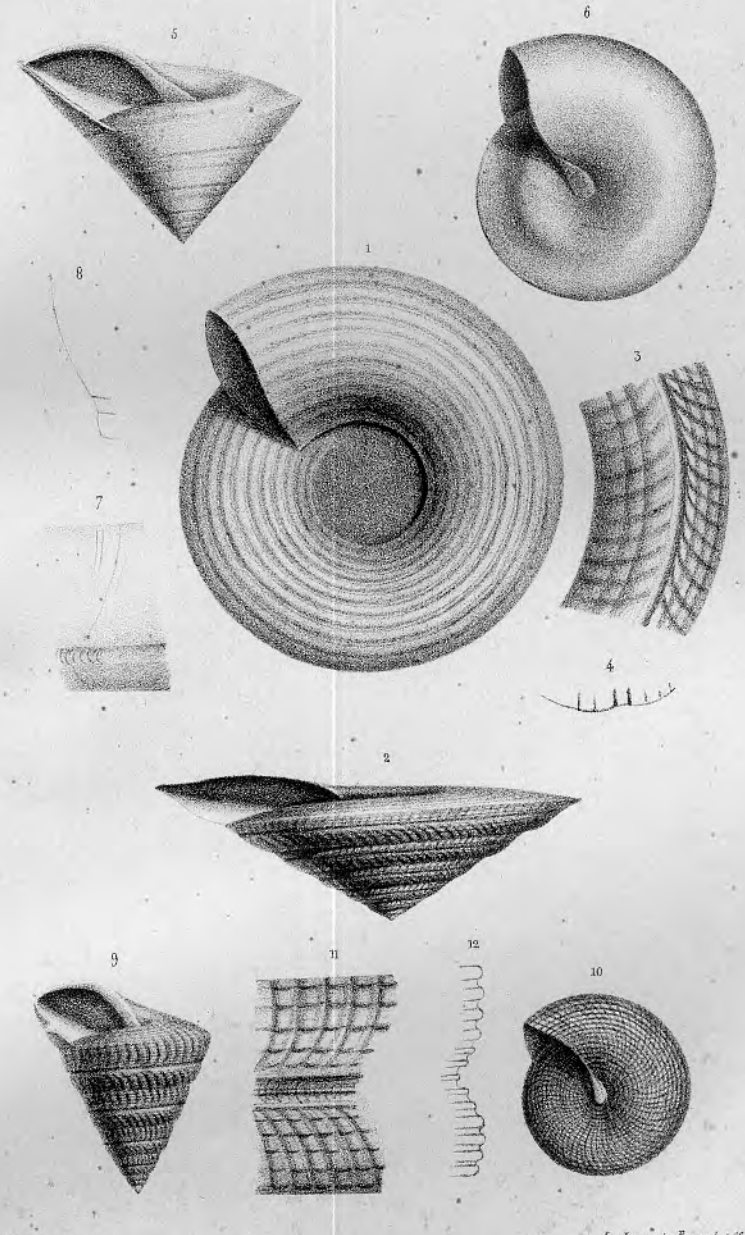
J. Delarue lith. Imp. Lemercier Benard et Cie.

Pleurotomaria santonensis, d'Orb. C.C.



J. Delarue lith. Im. Lemercier-Benard et Cie

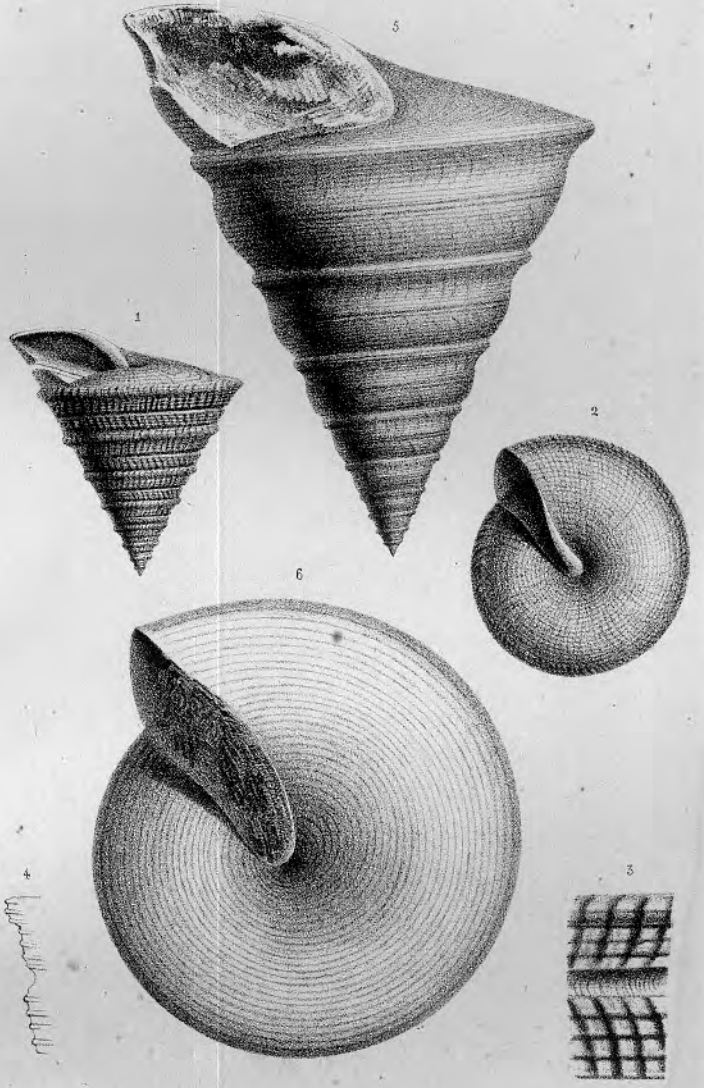
1_2. *Pleurotomaria formosa, Leymerie C.C.*
3_6 P. _____ *Moreausiana, d'Orb. C.C.*



J. Delarue lith.

Im. Lemercier Benard et Cie

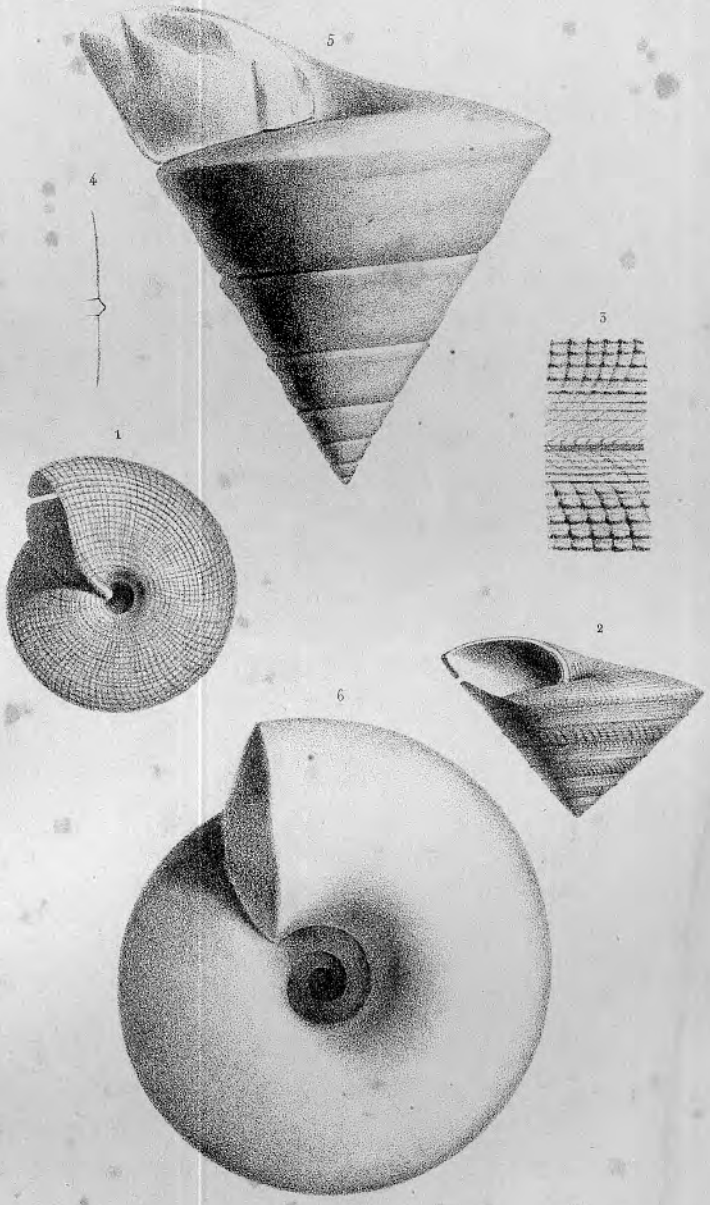
1.4. *Pleurotomaria secans, d'Orb. C.C.*
5.8. *P. Requieniana, d'Orb. C.C.*
9.12. *P. falcata, d'Orb. C.C.*



J. Delarue lith.

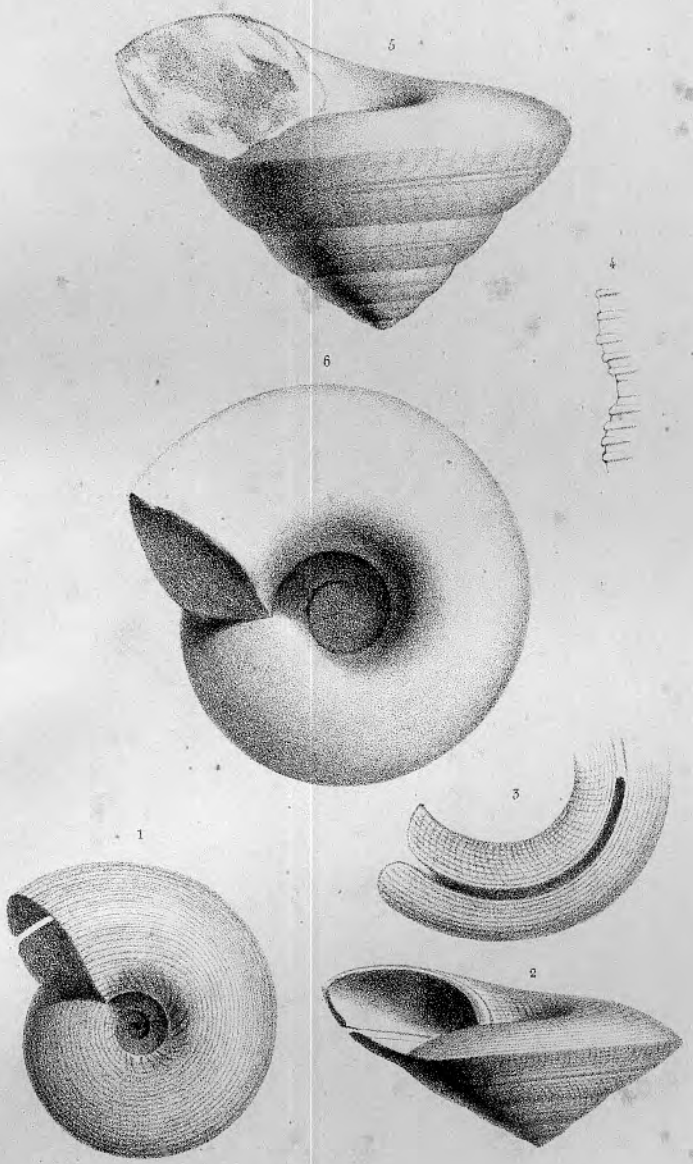
Im. Lemercier, Bernard et Cie

1.4. *Pleurotomaria Matheroniana, d'Orb. CC.*
5.6. P. _____ *Fleuriausa, d'Orb. CC.*



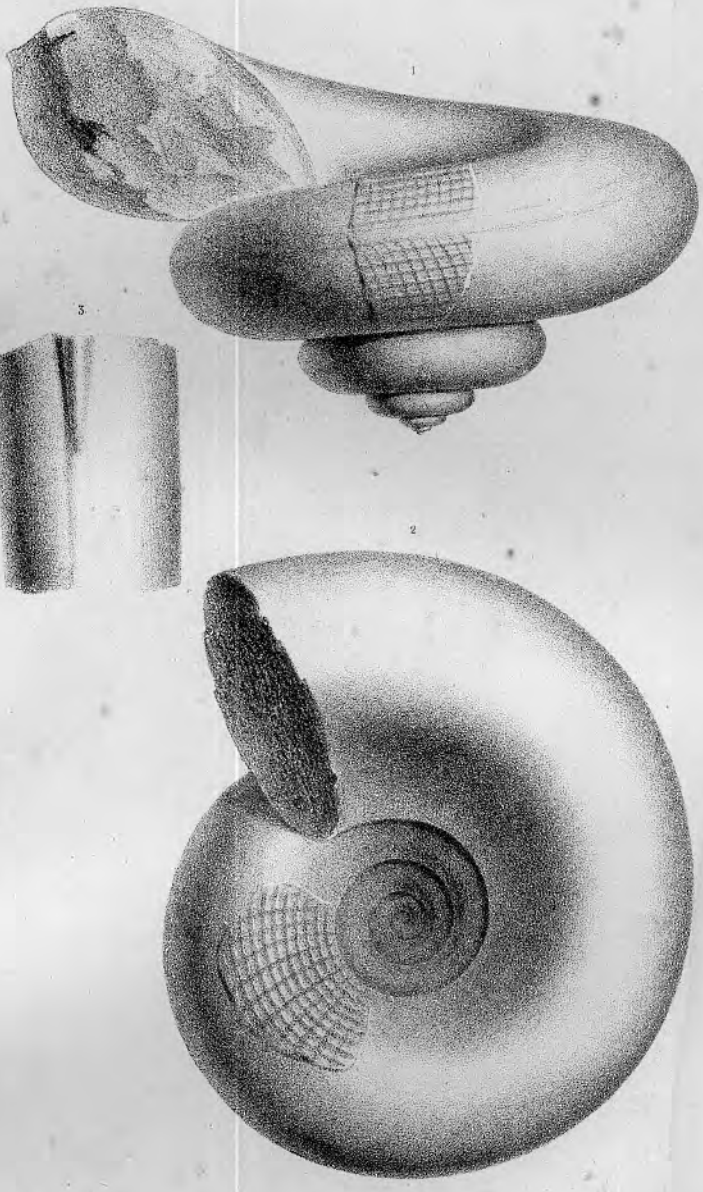
J. Delarue lith. Imp. Lemercier, Benard et C.

1.4. *Pleurotomaria cassisiana, d'Orb. CC.*
5.6. *P. _____ Marrotiana, d'Orb. CC.*



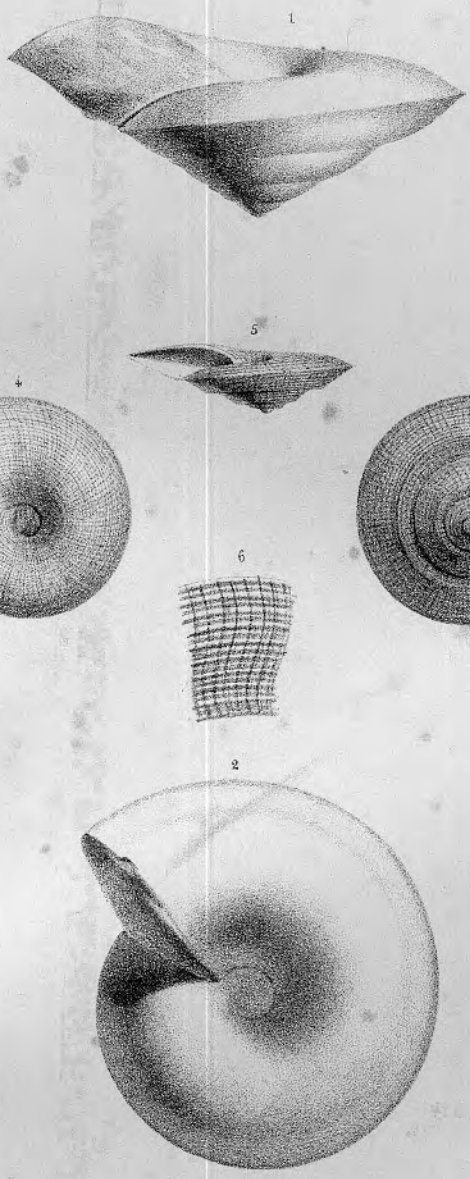
J. Delarue lith. Imp. Lemercier, Bernard et Cie

1-4. *Pleurotomaria Brongniartiana* d'Orb. C.C.
5-6. *P.* _____ *royana* d'Orb. C.C.



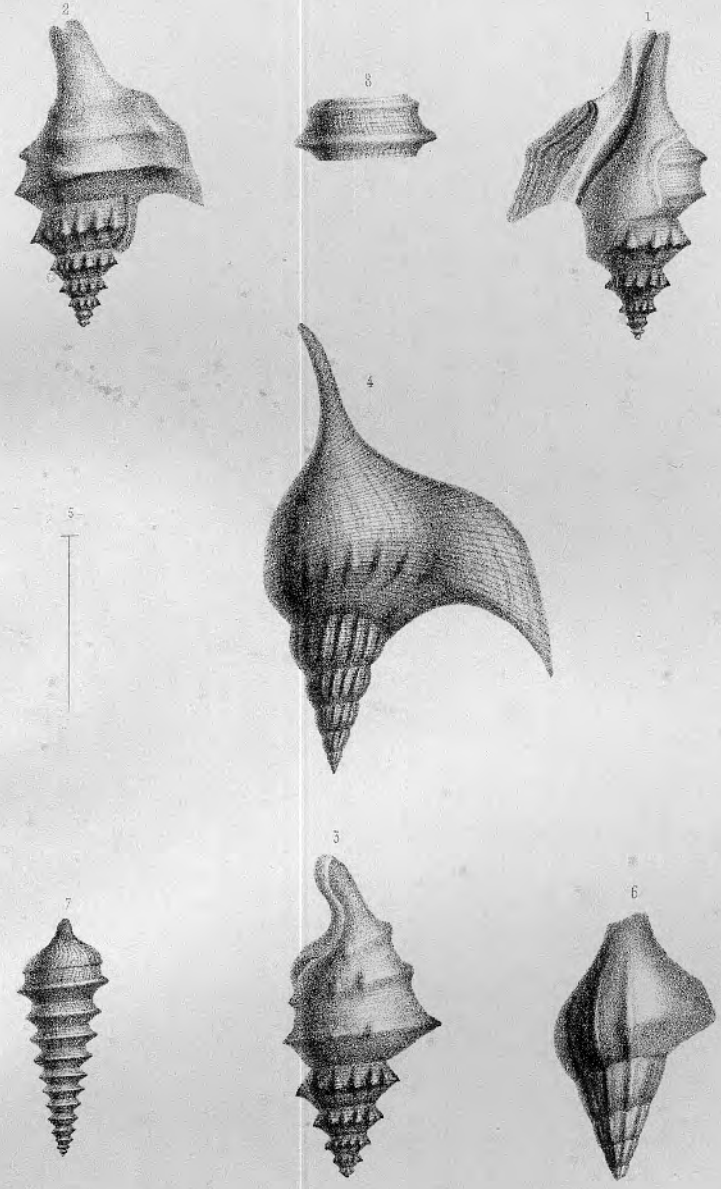
J. Delarue lith. Imp. Lemercier-Benard et C.ie

Pleurotomaria turbinoides, d'Orb. CC.



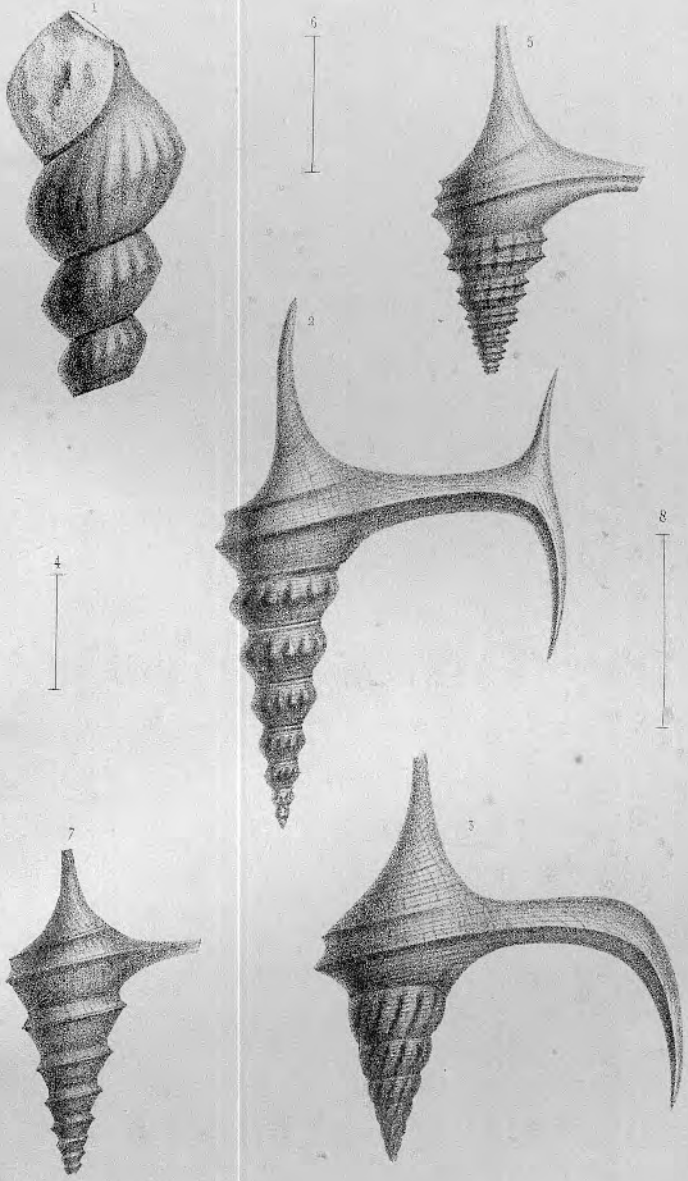
J. Delarue lith. Imp. Lemercier Benard et Cie

1.2. *Pleurotomaria Supra cretacea, d'Orb. C.C.*
3.5. *P. Guerangeri, d'Orb. C.C.*



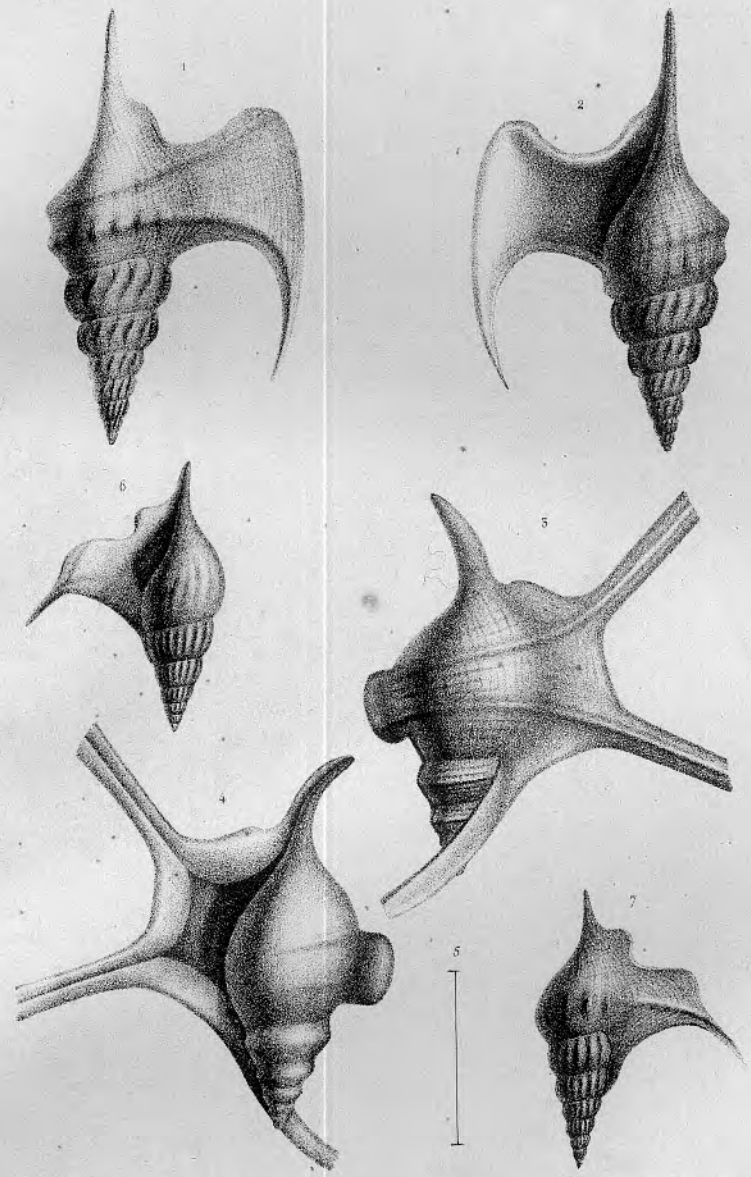
J. Delarue lith. Imp. Lemercier Benard et Cie

1.3. *Rostellaria Dupiniana, d'Orb. N.*
4.5. ——— *Robinaldinus, d'Orb. N.*
6. *Rostellaria alpina, d'Orb. N.*
7.8. R. ——— *pyramidalis, d'Orb. N.*



J. Delarue lith. Imp. Lemercier Benard et Cie

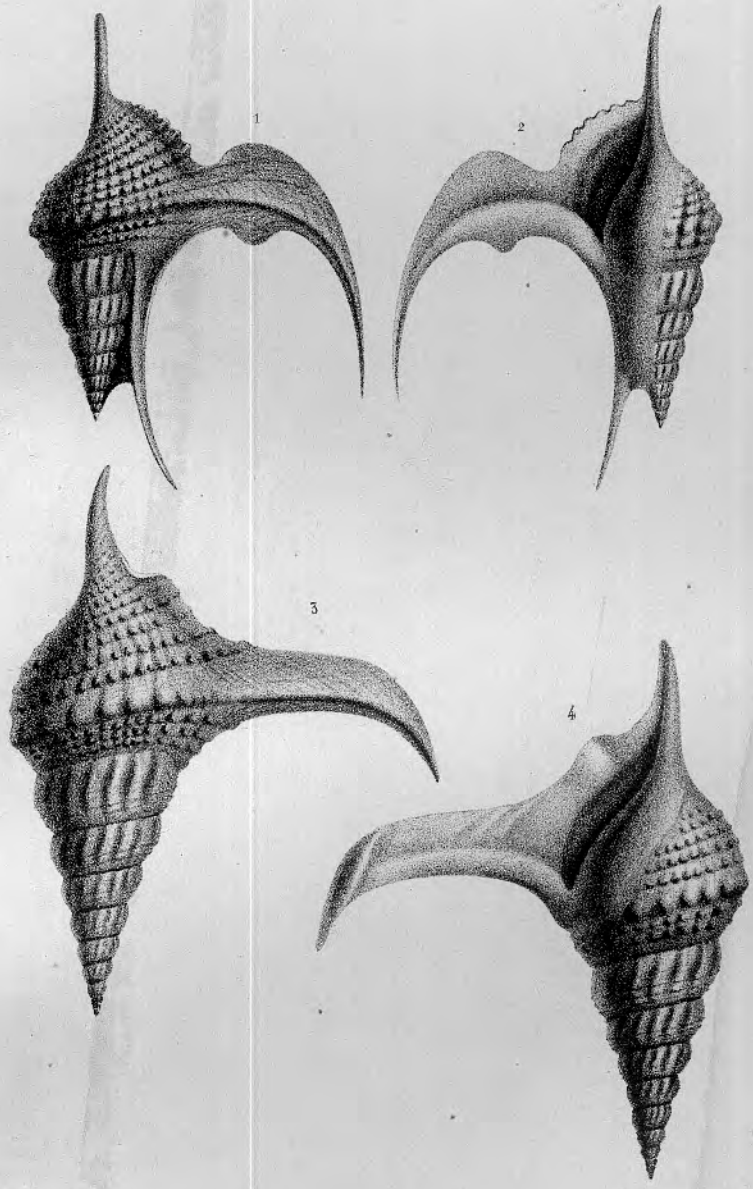
1 Rostellaria Astieriana, d'Orb. N.
2 R. ____ carinata, Mantell. G.
3 4 R. ____ calcarata, Sowerby. G.
5 6 Rostellaria tricostata, d'Orb. G.
7 8 R. ____ carinella, d'Orb. G.



J. Delarue del. Lm. Lemercier Bernard et C.

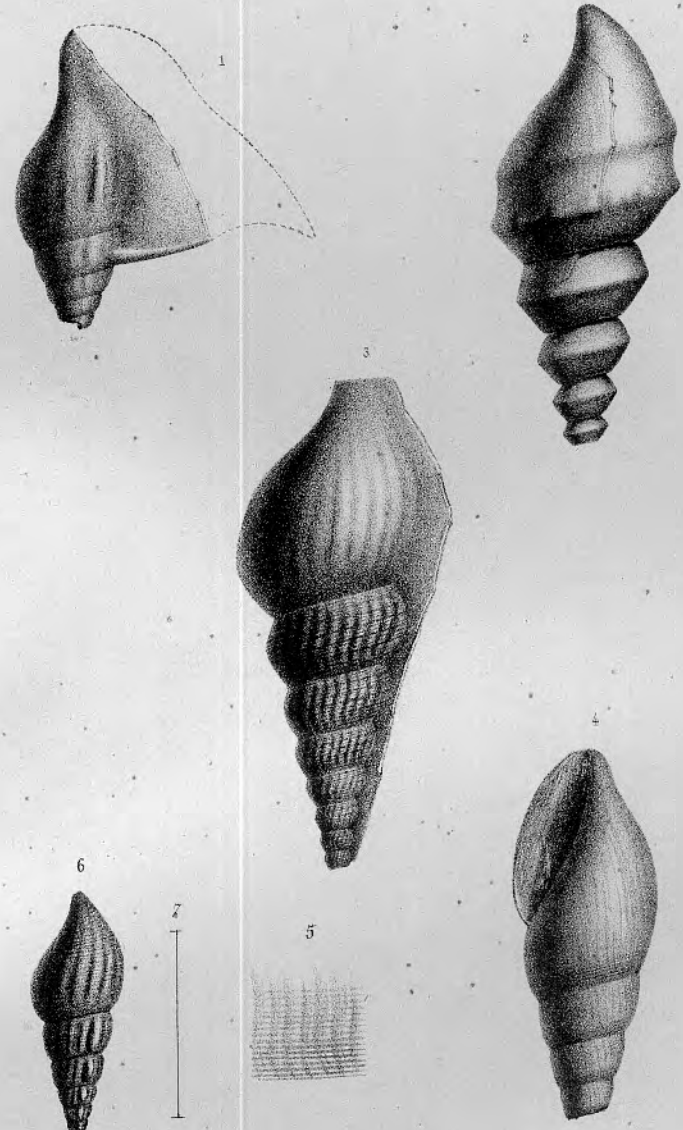
1. 2. *Rostellaria Parkinsoni*, Sow. G.
3. 5. *Pterocera bicarinata*, d'Orb. G.
6. 7. *Rostellaria simplex*, d'Orb. G.

R. Orbignyana Pict. Paleontol. Suisse page 608.



J. Delarue del. Imp. Lemercier-Benard et C.

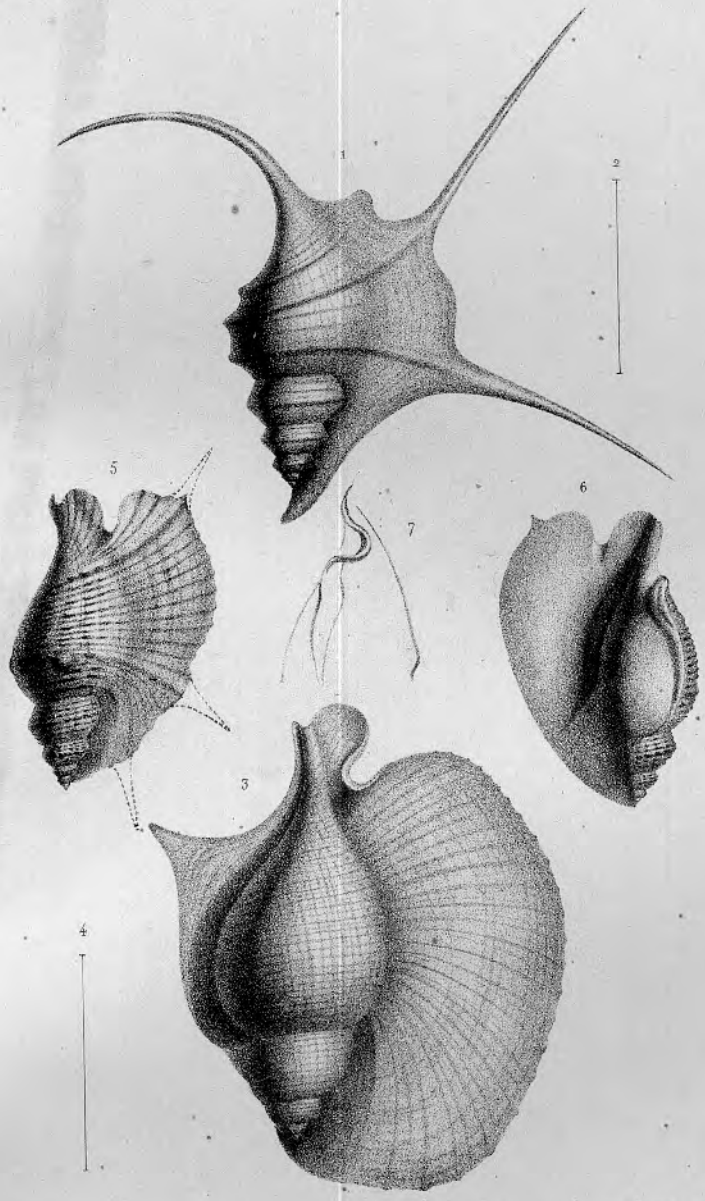
1. 2. *Rostellaria ornata*, d'Orb. C.C.
3. 4. *R.* _____ *Requieniana*, d'Orb. C.C.



J. Delarue del. Im. Lemercier Benard et C.

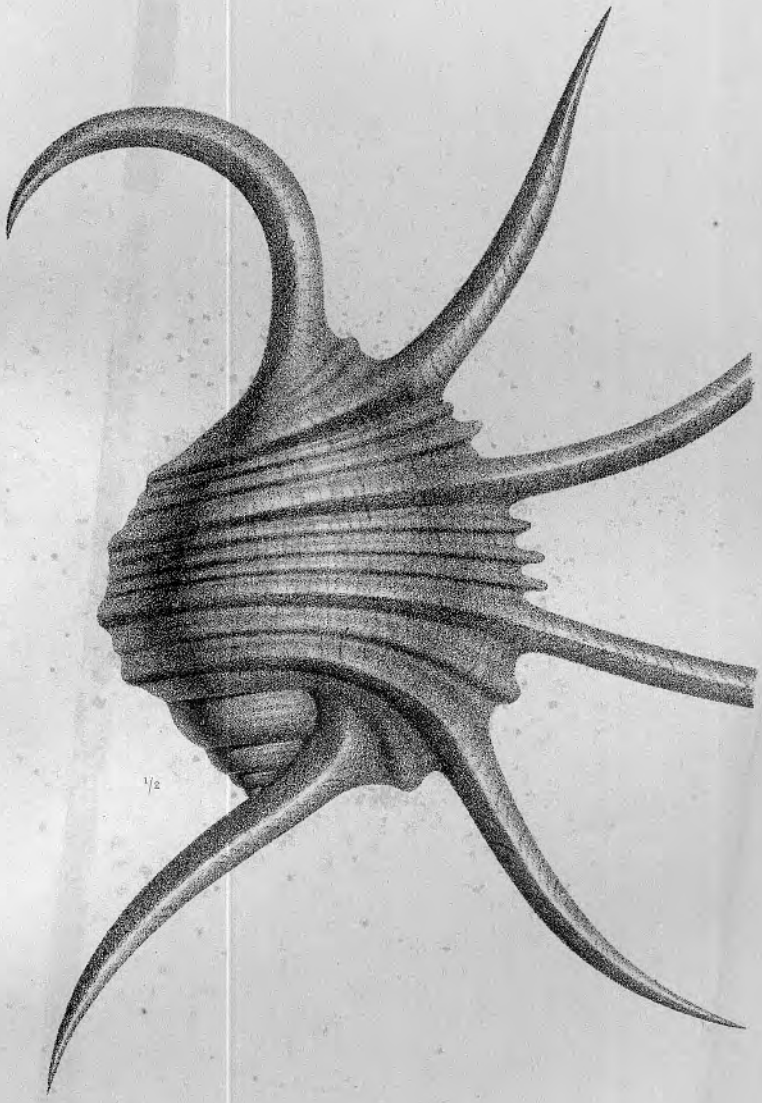
1. *Rostellaria pauperata, d'Orb. C.C.*
2. *R.* ——— *Mailleana, d'Orb. C.C.*
3. *R.* ——— *pyrenaica, d'Orb. C.C.*

4.5. *Rostellaria inornata, d'Orb. C.C.*
6.7. *R.* ——— *varicosa, d'Orb. C.C.*



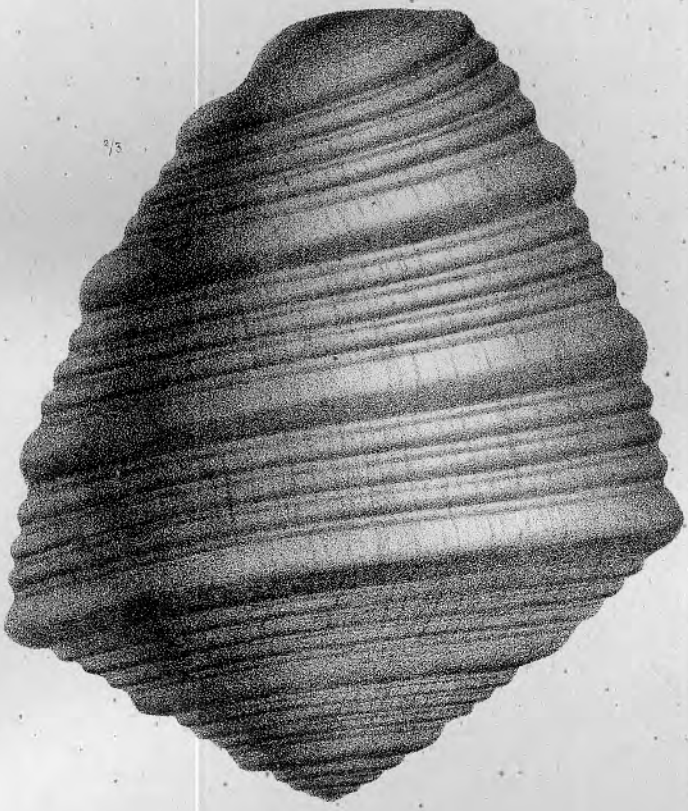
J. Delarue del. Imp. Lemercier Bénard et C.

1. 2. *Pterocera Moreausiana, d'Orb. N.*
3. 4. *P. ——— speciosa, d'Orb. N.*
5. 7. *P. ——— Dupiniana, d'Orb. N.*



J. Delarue, del. Im. Lemercier, Benard et C.

Pterocera Pelagi, N.

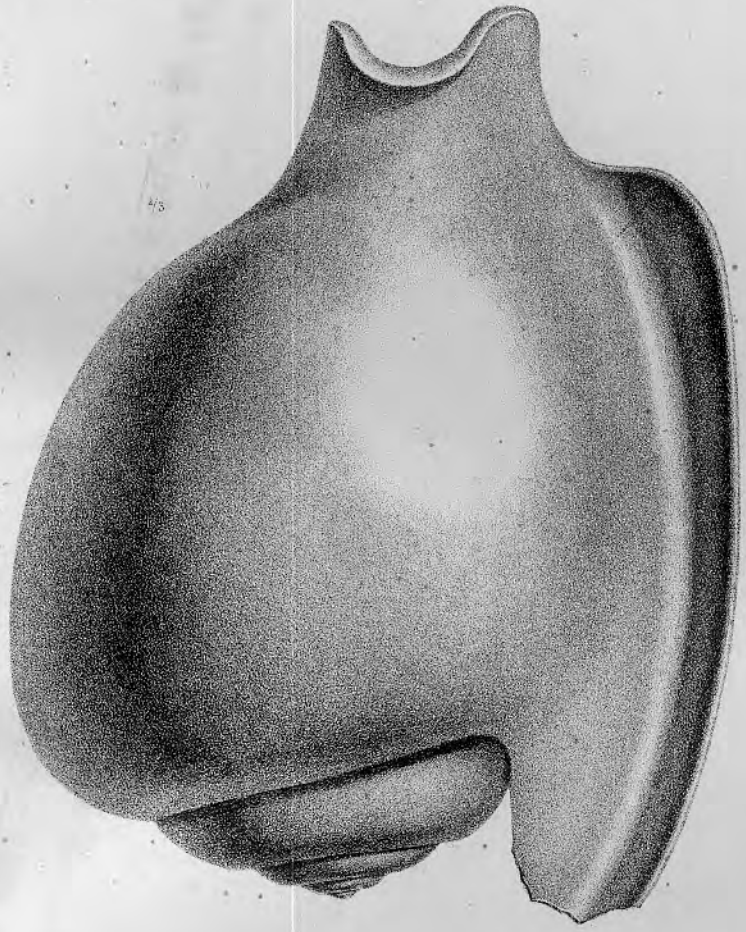


2/3

J. Delarue del.

Im. Lemercier Benard et C.

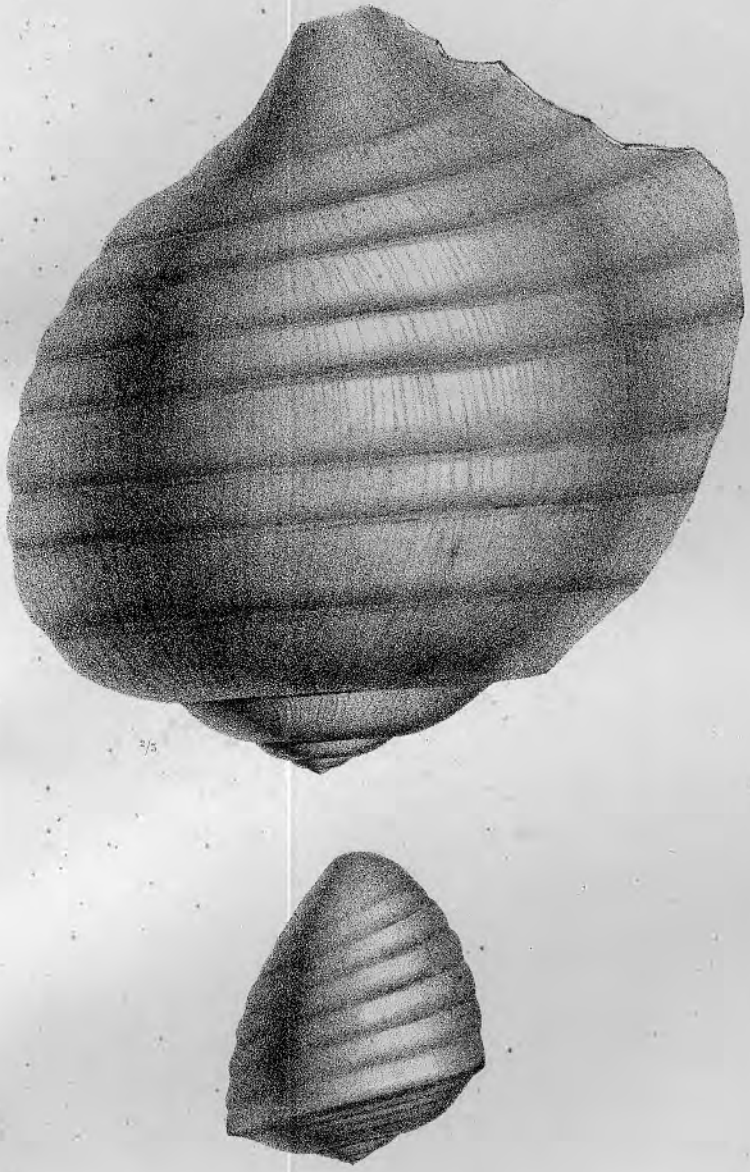
Pterocera Beaumontiana, d'Orb. N.



J. Bélanie del.

Im. Lemercier Benard et C.

Pterocera inornata, d'Orb. CC.

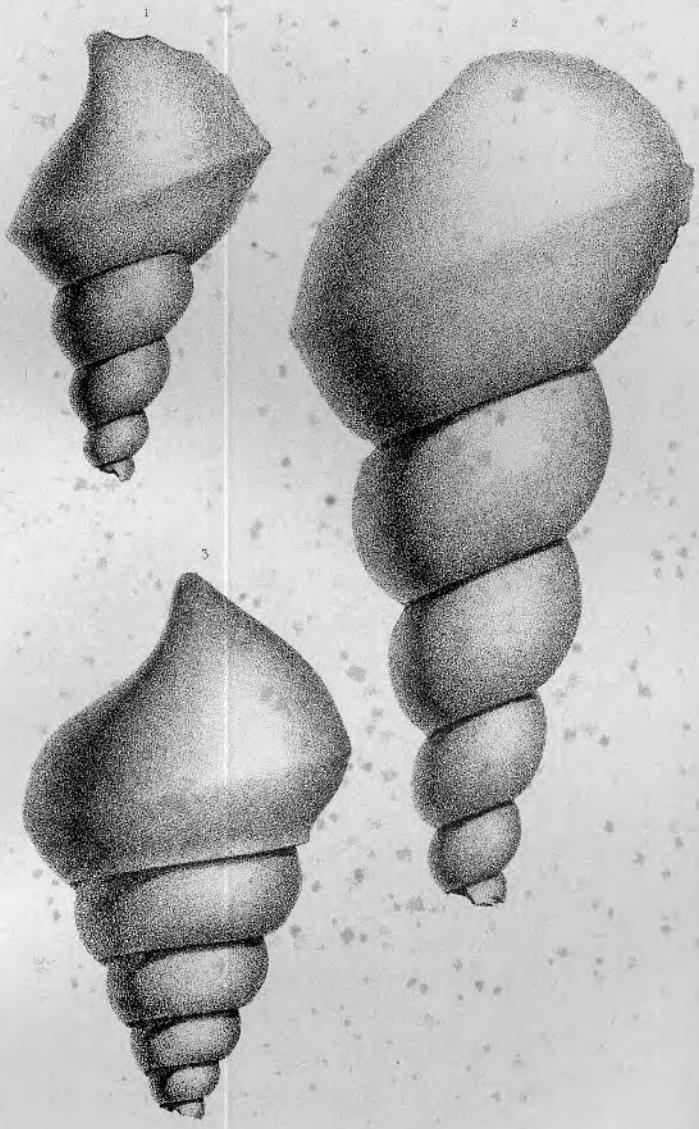


2/3

J. Delarue del.

Imp. Lemercier, Benard et C.

Pterocera incerta, d'Orb. CC.

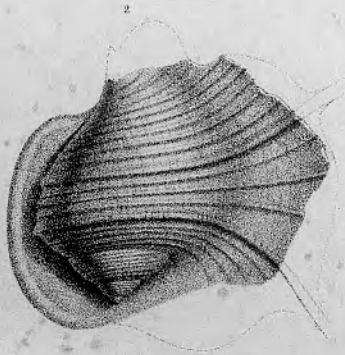


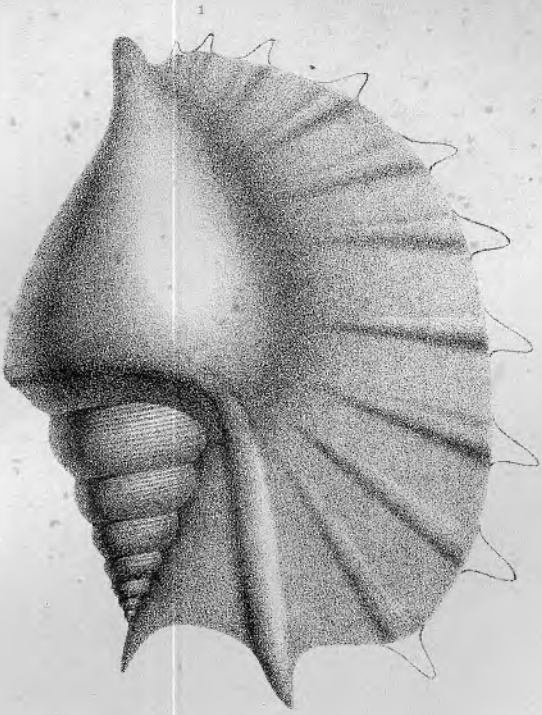
J. Delarue. del.

Imp. Lemercier Bernard et C.

1. 2. *Pterocera Emerici, d'Orb. N.*

3. *P.____ Supracretacea, d'Orb. CC.*

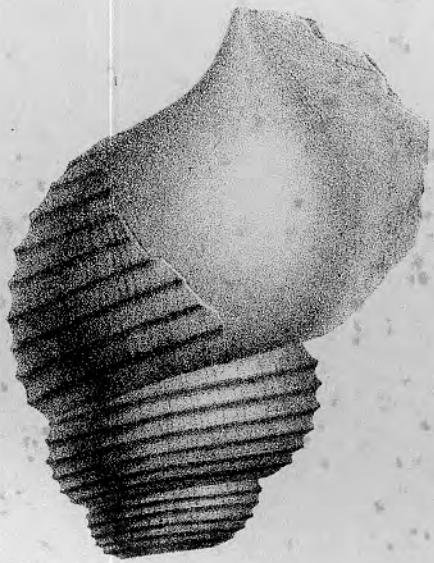


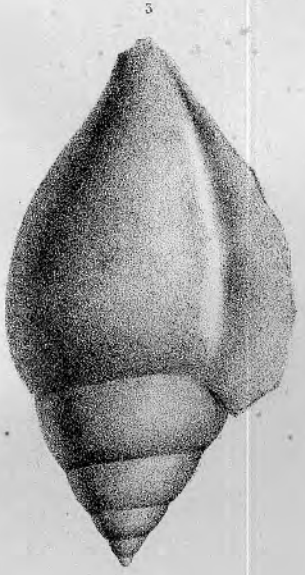


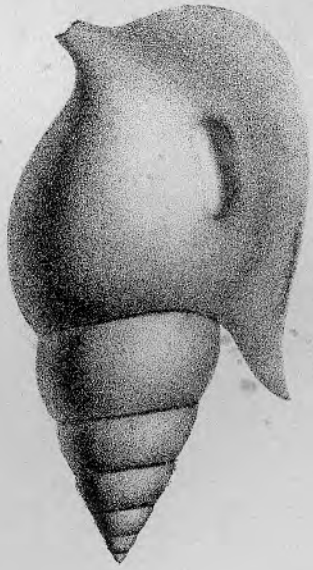
J. Delarue del.

Imp. Lemercier Benard et C.

1. *Pterocera polycera, d'Orb. C.C.*
2. *P._____ marginata, d'Orb. C.C.*
3. *Strombus Dupinianus, d'Orb. G.*



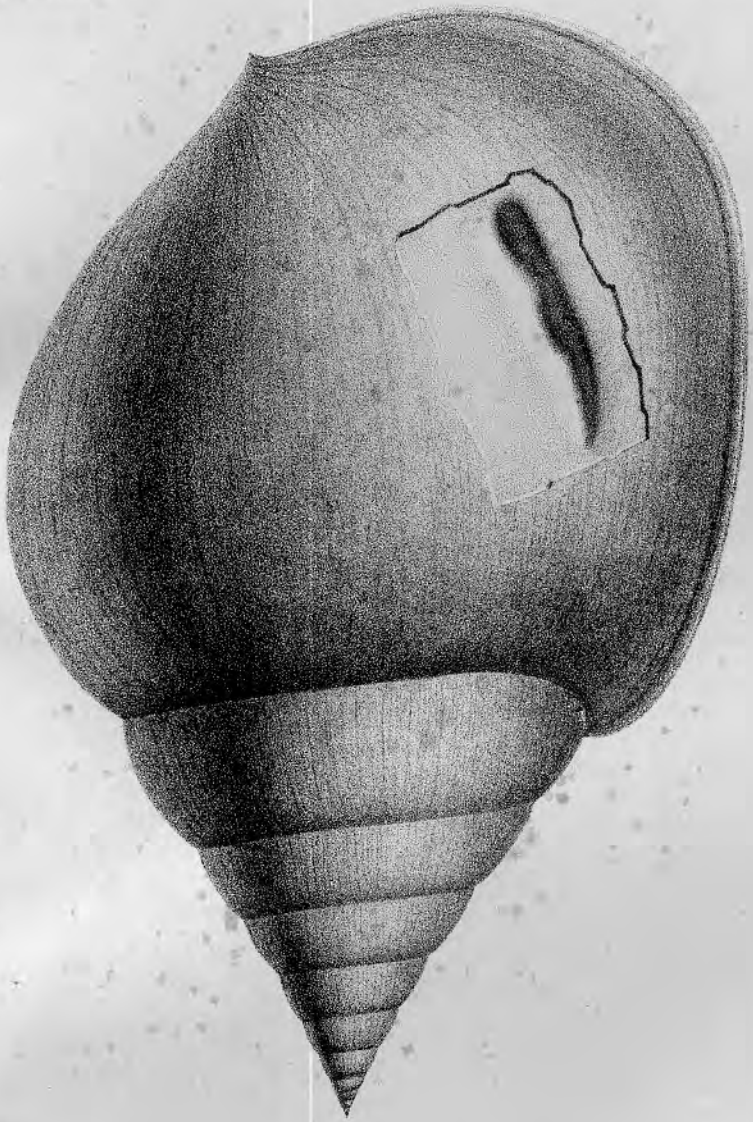




J. Delarue del.

Im. Lemercier, Bernard et C.

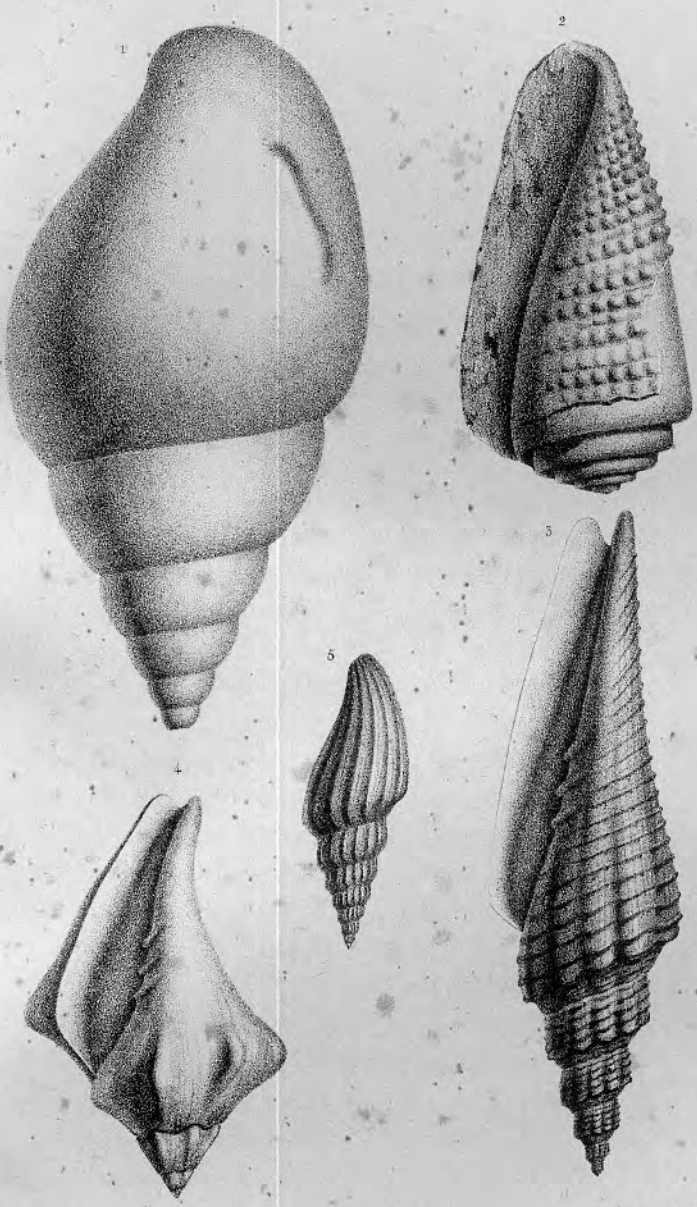
1. *Pterocera inflata*, d'Orb. C.C.
2. *Pterodonta elongata*, d'Orb. C.C.
3. *P.* _____ *ovata*, d'Orb. C.C.



J. Delarue del.

Imp. Lemercier Benard et C.

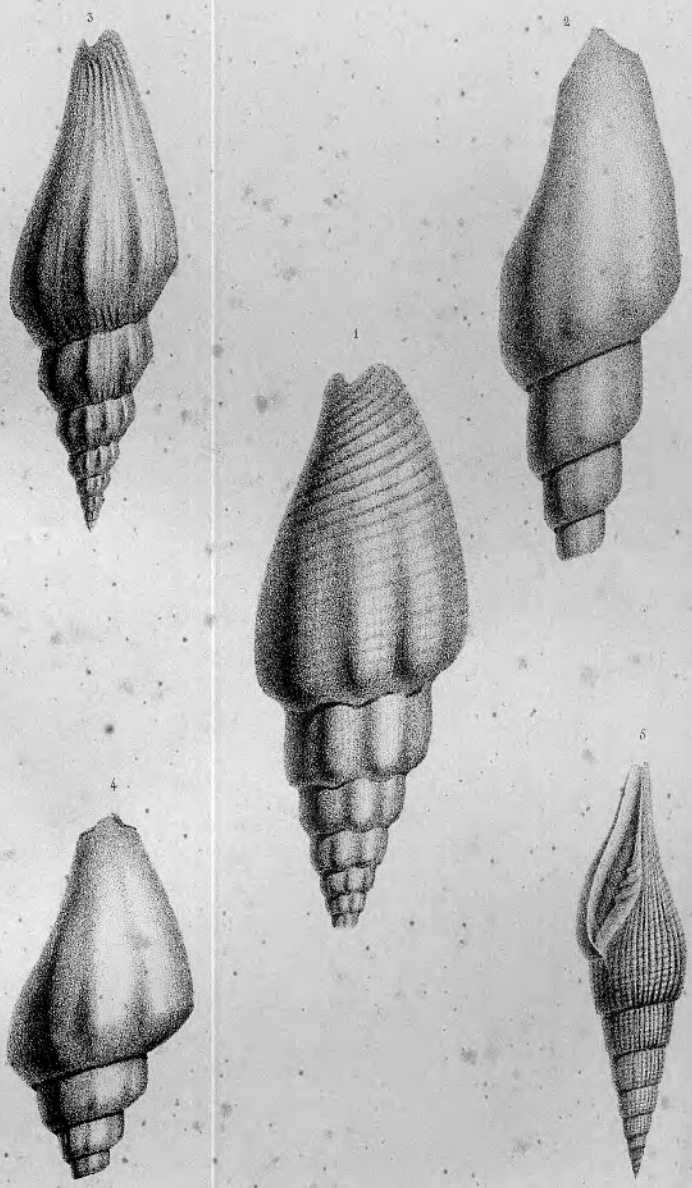
Pterodonta inflata d'Orb. C.C.



J. Delarue lith.

Imp. Lemercier, Bonard et C.ie

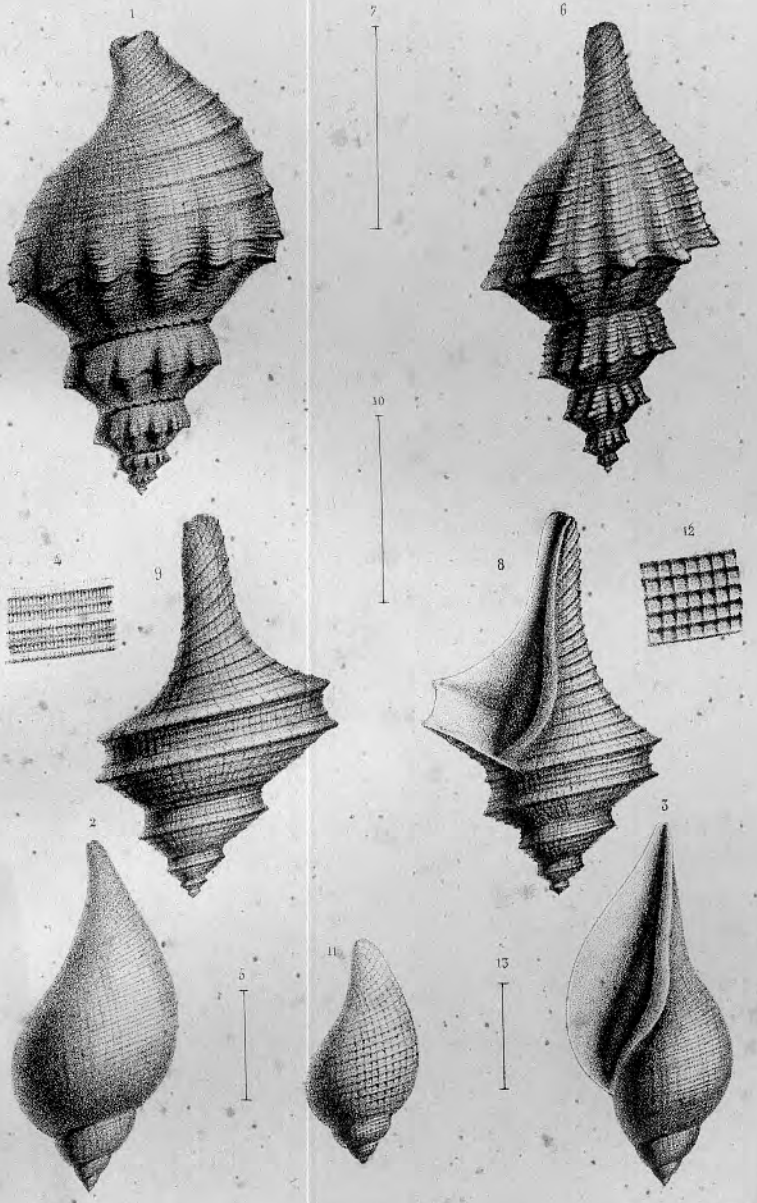
1. *Pterodonta intermedia*, d'Orb. C.C.
2. *Conus tuberculatus* Dujardin C.C.
3. *Voluta elongata*, Sowerby C.C.
4. *Voluta Requieniana* d'Orb. C.C.
5. *V.____ Gasparini*, d'Orb. C.C.



J. Delarue lith. Voir Perrinquière Tunisie p. 80. Im. Lemercier Benard et Cie

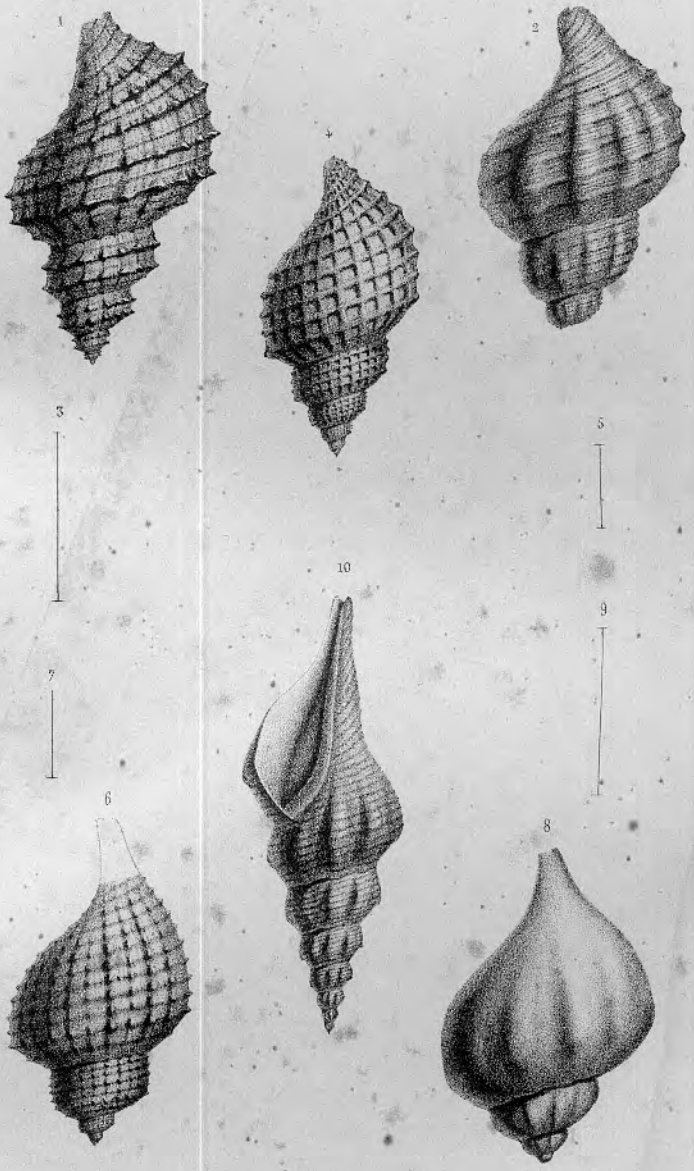
1. 2. Voluta Guerangeri d'Orb. C.C. | 4. Volata Lahayesi d'Orb. C.C.
3. V. ___ Renauxiana d'Orb. C.C. | 5. Mitra cancellata Sowerby C.C.

Photo du type in Roman et Magnan pl. VI fig. 9



Delarue lith. Imp. Lemercier, Benard et C.

1 *Fusus neocomiensis*, d'Orb. N.
2 5. F. — *infracretaceus*, d'Orb. N.
6 7. F. — *Hupinianus*, d'Orb. G.
8 10 *Fusus albensis*, d'Orb. G.
11 13 F. *ornatus*, d'Orb.

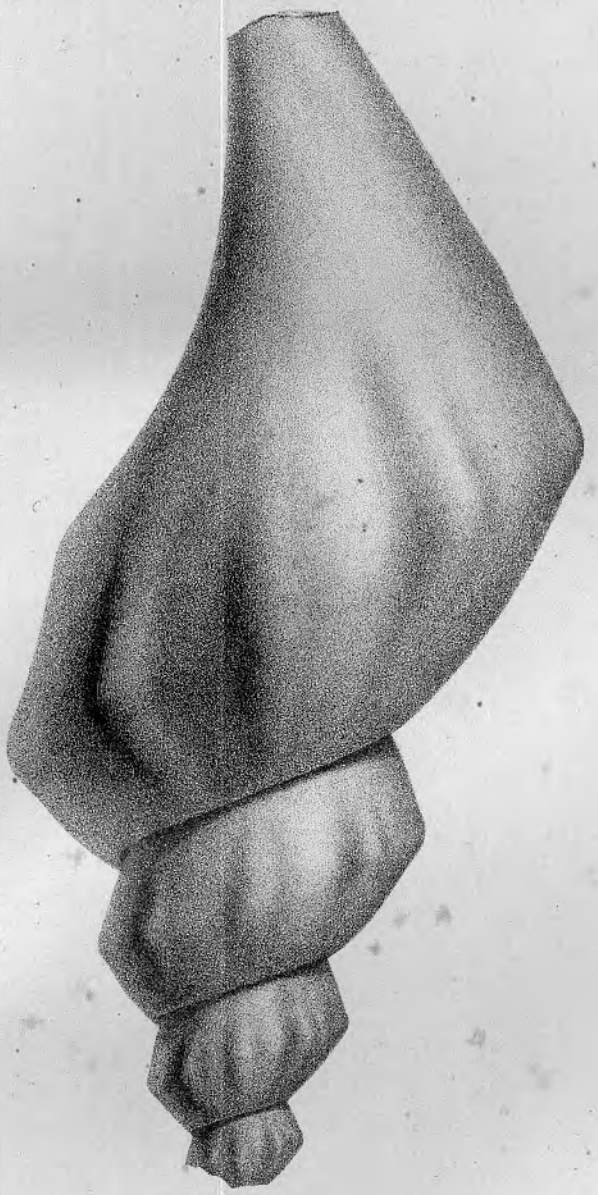


J. Delarue lith.

Im. Lemercier Benard et C.

1 *Fusus rusticus, Fitton G.*
2.3 *F.___ Hierianus, d'Orb.*
4.5 *F.___ elegans, d'Orb.*

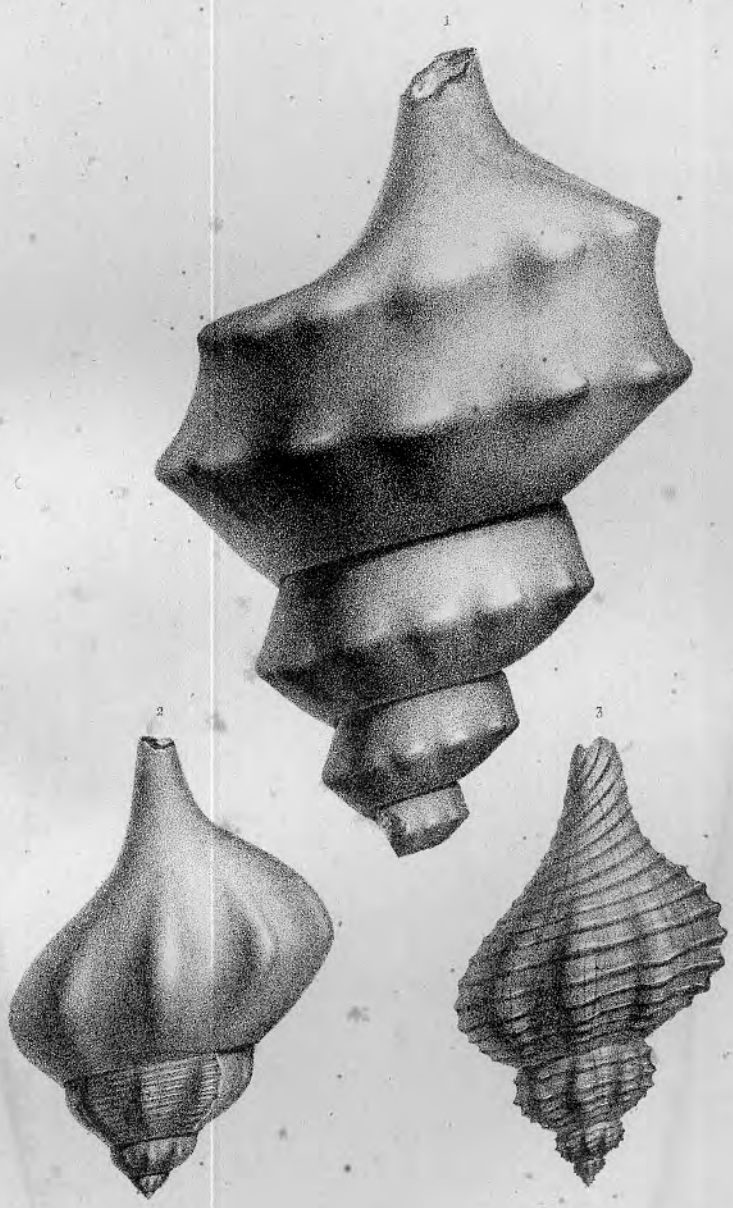
6.7 *Fusus Vibrayeanus, d'Orb. G.*
8.9 *F.___ Clementinus, d'Orb. G.*
10 *F.___ Renauxianus, d'Orb. C.C.*



J. Delarue lith.

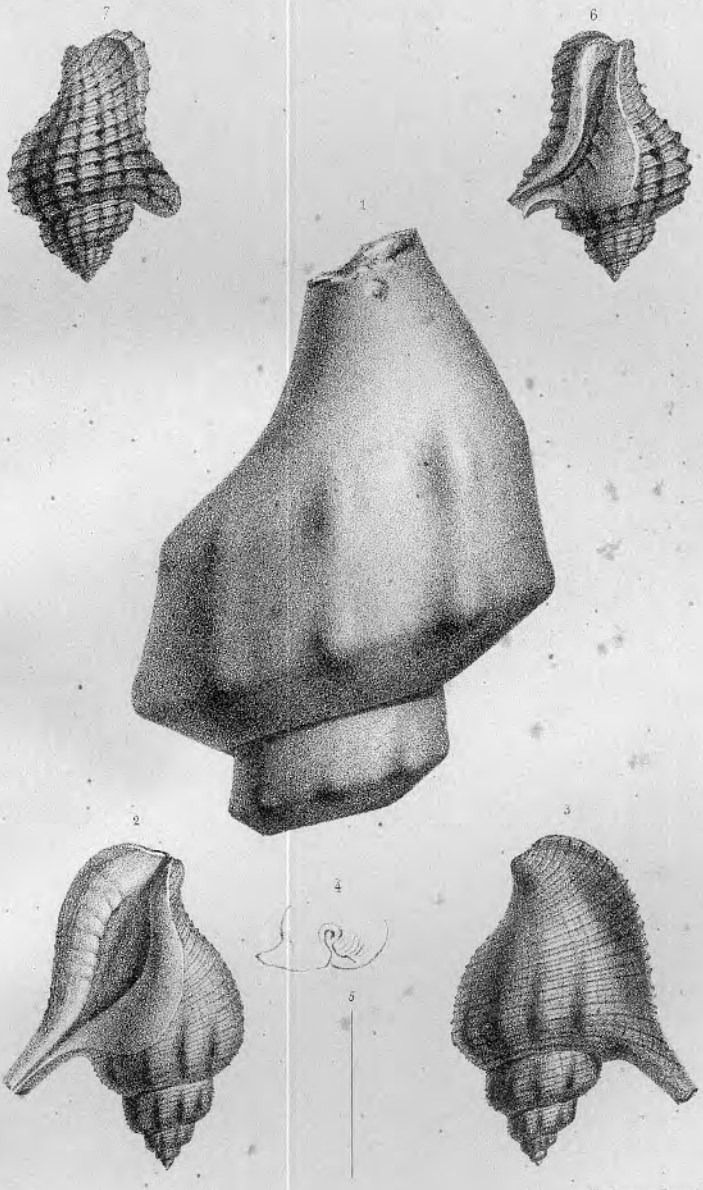
Imp. Lemercier Benard et C.

Fusus Espaillaci, d'Orb. C.C.



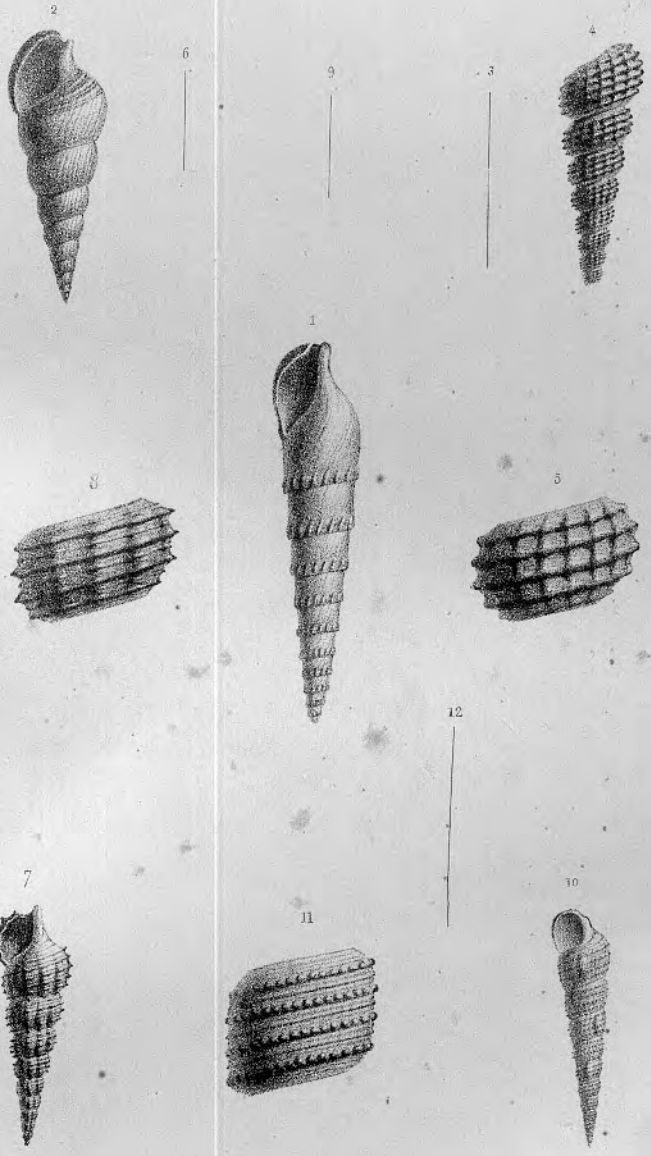
J. Delarue lith. Im. Lemercier Benard et C.

1. *Fusus turritellatus, d'Orb. C.C.*
2. *F. ____ Marrotianus, d'Orb. C.C.*
3. *F. ____ Requienianus, d'Orb. C.C.*



J. Delarue lith. Im. Lemercier Bénard et C.

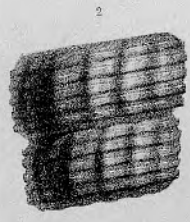
1. *Fusus Fleuriausus, d'Orb. CC.*
2 3. *Colombellina monodactylus, d'Orb. N.*
6 7. *C. ——— ornata, d'Orb. CC.*

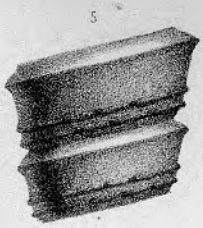


J. Delarue lith. Imp. Lemercier, Bernard et C.

1 *Cerithium terebroides, d'Orb. N.*
2.3. *C.* ——— *marullinum d'Orb. N.*
4.6. *C.* ——— *Dupinianum, d'Orb. N.*

7.9. *Cerithium albensis, d'Orb. N.*
10.12. *C.* ——— *Philipsii, Leymerie N.*

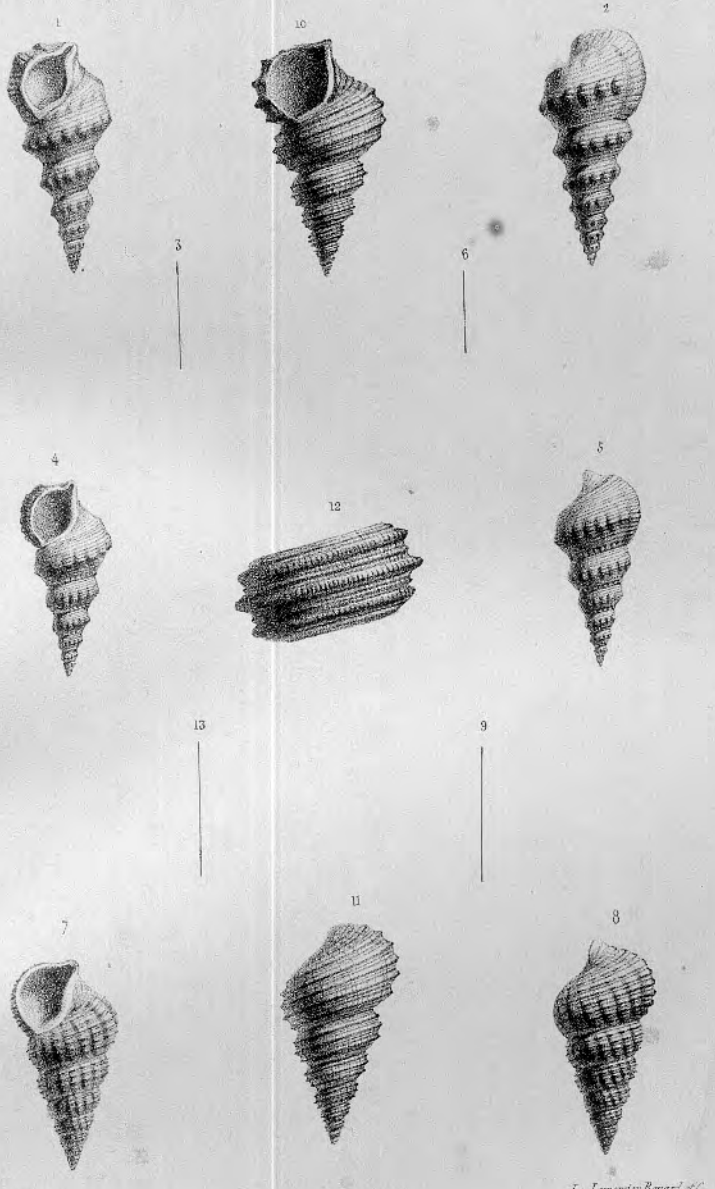




J. Delarue Lith.

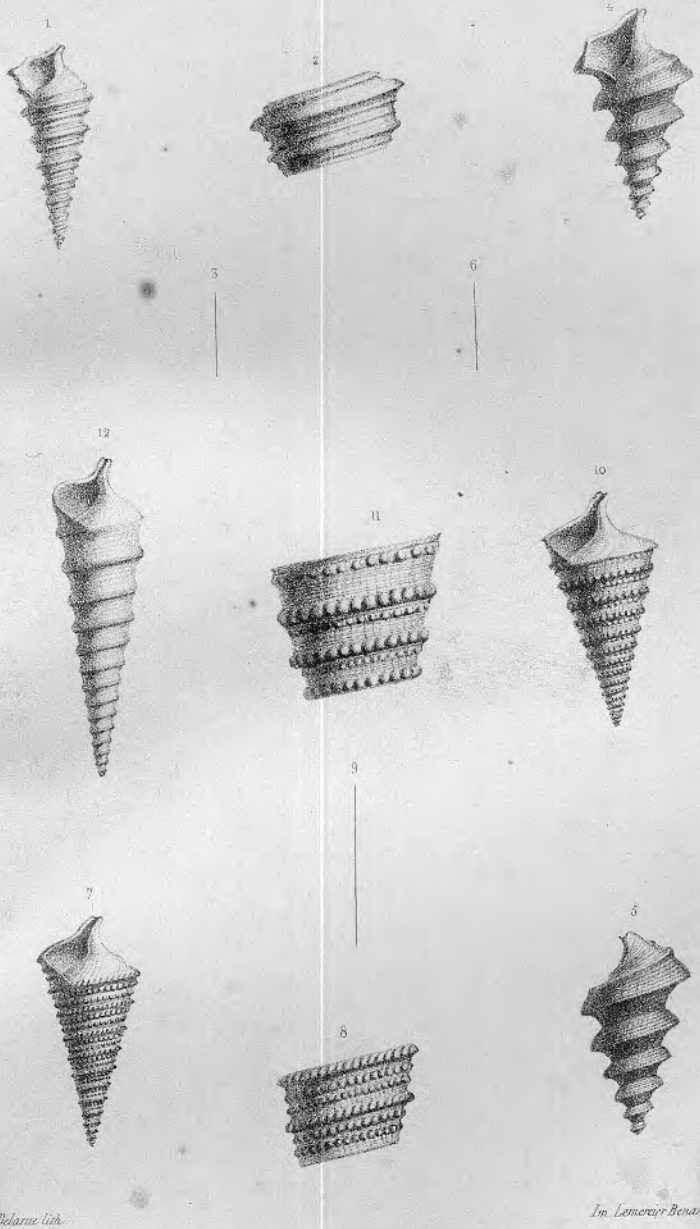
Im. Lemercier Benard et C.

1 2. Cerithium Clementinum, d'Orb. N.
4. 6. C. ——— Gaudryi, d'Orb. N.
7 10. C. ——— nassoides, d'Orb. N.
11 13. C. ——— Cornuelianum, d'Orb. A.



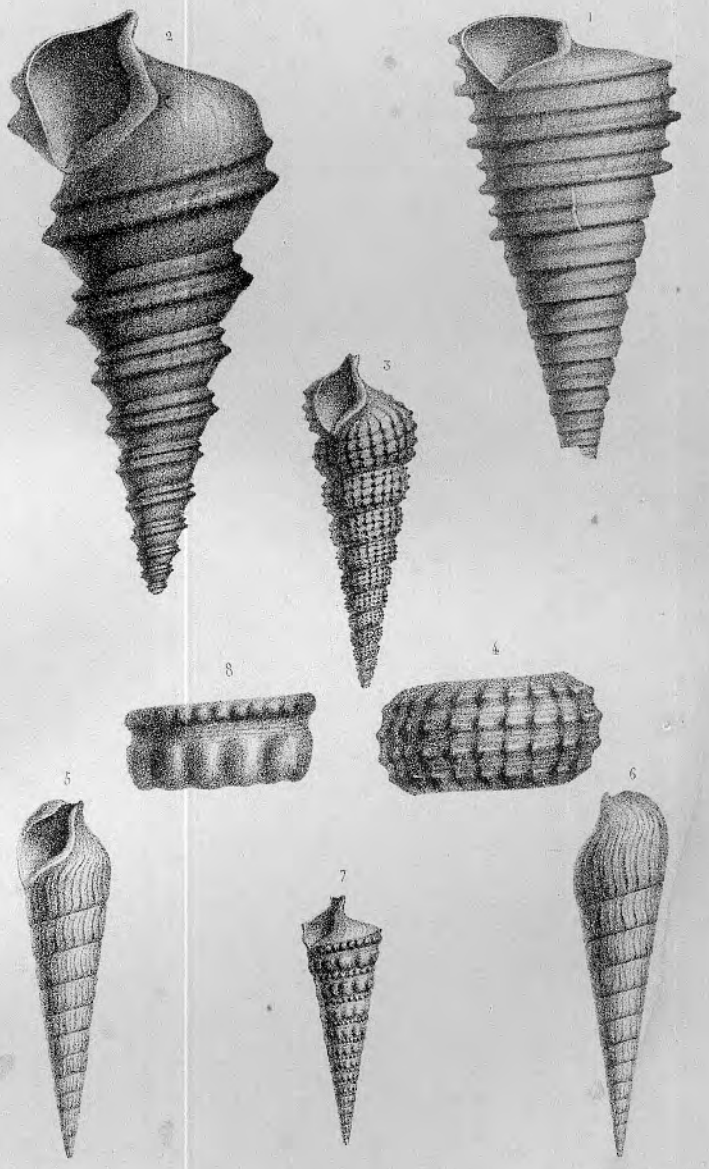
J. Delarue lith. *Im. Lemercier Bonard et C.*

1.3. *Cerithium aptience, d'Orb. A.*
4.6. *C. ——— subspinosum, Desh. G.*
7.9. *C. ——— Lalliérianum, d'Orb. G.*
10.13. *C. ——— Vibrayeanum, d'Orb. G.*

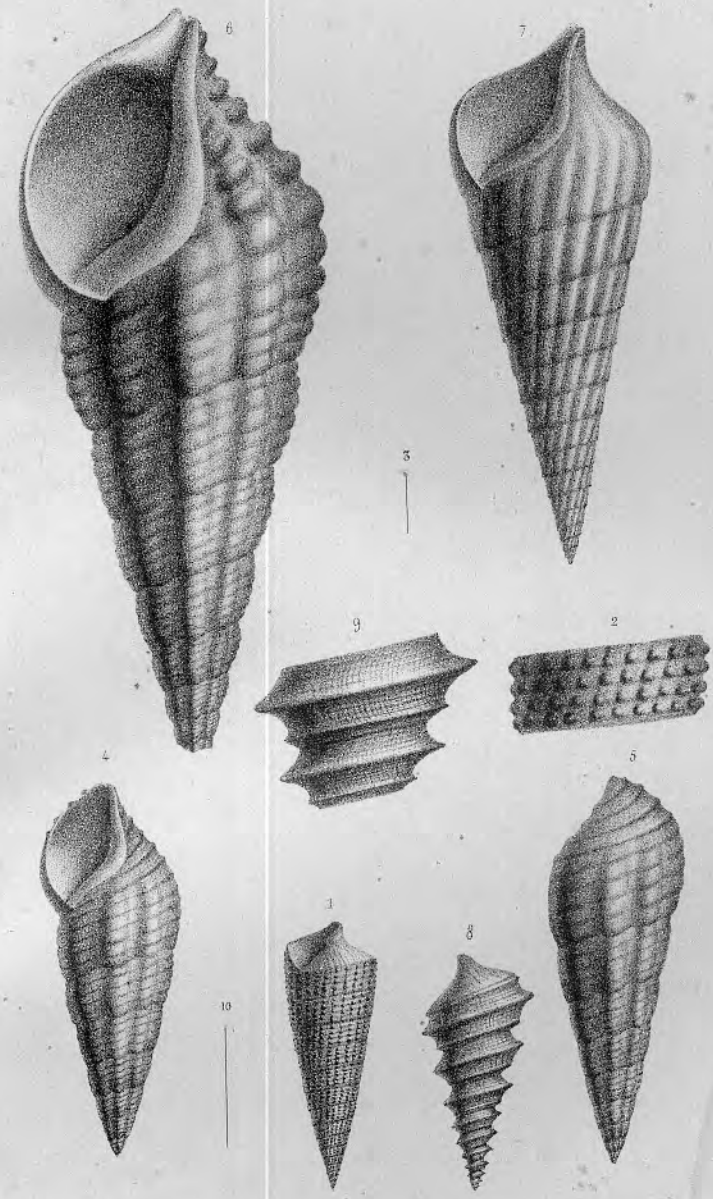


J. Delarue lith. Im. Lemercier Benard et C.

1.3 *Cerithium Ervynum*, d'Orb. G.
4.6 C. ——— *tectum*, d'Orb. G.
7.9 C. ——— *trimonile*, Michel. G.
10.11 C. ——— *ornatissimum*. Desh. G.
12. C. ——— *excavatum*, d'Orb. G.

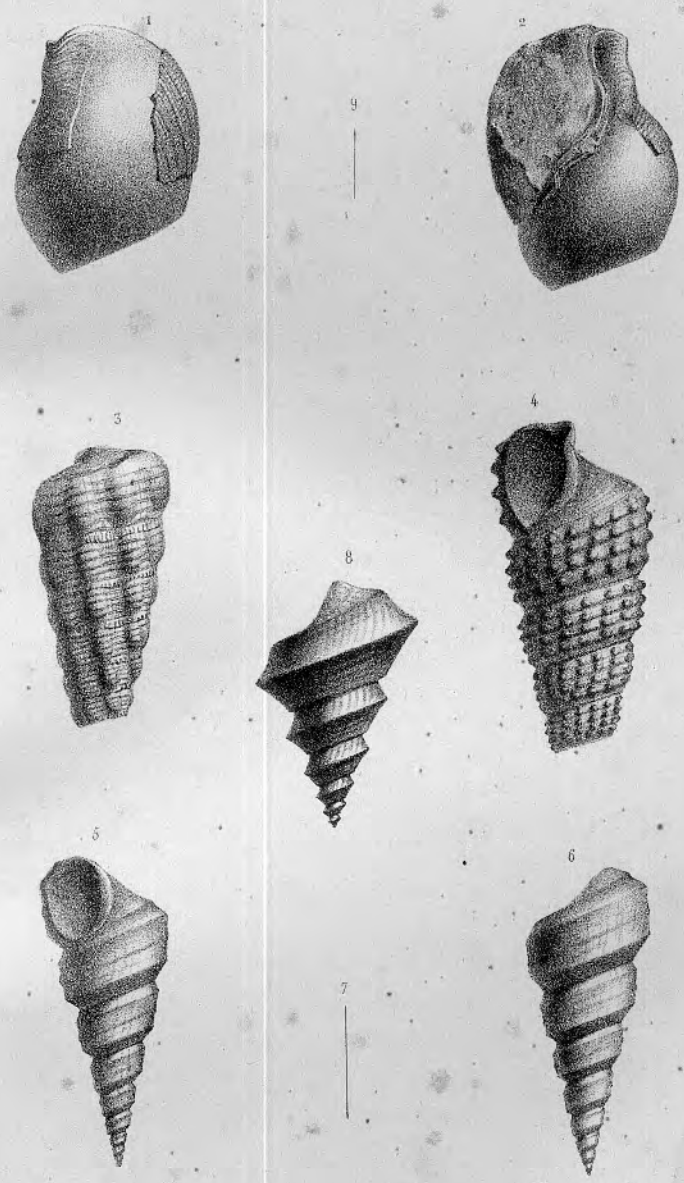


1. Cerithium ataxense, d'Orb. C.C.
2. C. ——— Renauxianum, d'Orb. C.C.
3, 4. C. ——— peregrinorsum, d'Orb. C.C.
5, 6. C. ——— Guerangeri, d'Orb. C.C.
7, 8. C. ——— gallicum, d'Orb. C.C.



J. Delarue lith. Imp. Lemercier.

13. Cerithium limæforme, d'Orb. C.C.
4.5. C. ____ Requienianum, d'Orb. C.C.
6. C. ____ Prosperianum, d'Orb. C.C.
7. C. ____ Matheronii, d'Orb. C.C.
8 10 C. ____ neocomiensis, d'Orb. N.

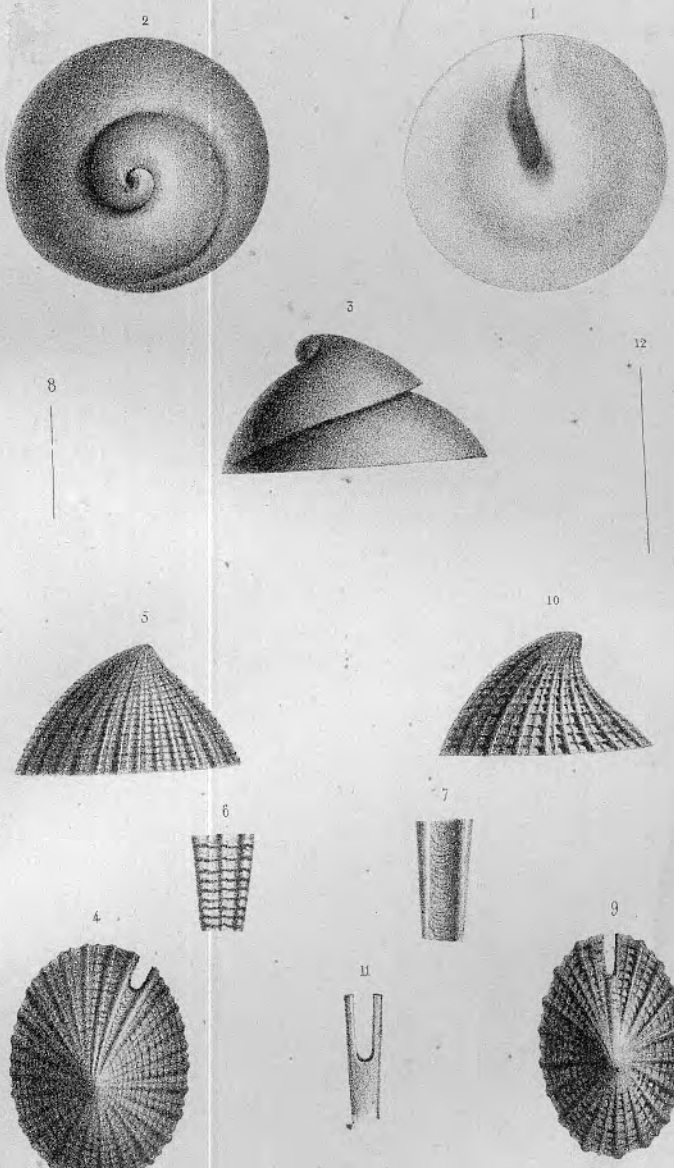


J. Delarue lith.

Imp. Lemercier

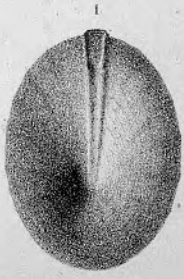
1.2 *Buccinum gaultinum*, d'Orb. G.
3. *Cerithium provinciale*, d'Orb. C.C.
4 C. ——— *pustulosum*, Sow. C.C.

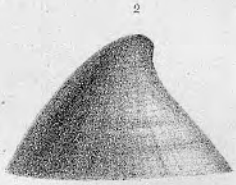
5.7 *Vermetus Royanus*, d'Orb. A.
8.9 V. ——— *albensis*, d'Orb. A.

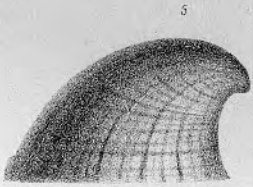


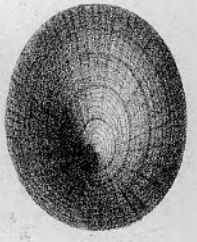
J. Delarue lith. Imp. Lemercier.

1.3. *Calypeopsis cretacea*, d'Orb. C.C.
4.8. *Emarginula neocomiensis*, d'Orb. N.
9.12. *E.* ——— *Guerangeri*, d'Orb. C.C.



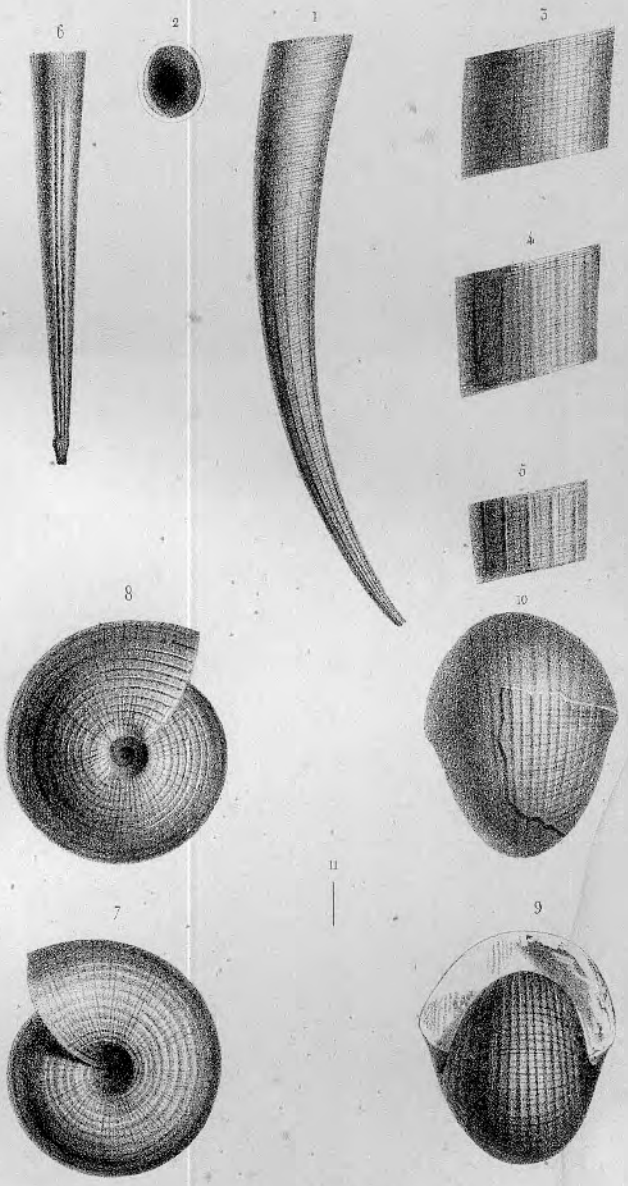






J. Delarue lith. Imp. Lemercier

1-3. *Emarginula pelagica*, Passy C.C.
4-6. *E.* _____ *sanctæ-Catherinæ*, Passy C.C.
7-10. *Acmæa tenuicosta*, d'Orb. G.



J. Delarue, lith. Imp. Lemercier

1 6. *Dentalium decussatum*, Sow. G.
7 12. *Bellerophina Vibrayei*, d'Orb. G.

BIBLIOTHÈQUE

CLASSIFICATION NATURELLE

Par bassins, par étages et par zones, **DES TERRAINS CRÉTACÉS DE LA FRANCE**, ***basée sur l'étude comparative de leurs faunes respectives*** **(les Céphalopodes, les Gastéropodes et les Rudistes).**

PAR ALCIDE D'ORBIGNY,

PRÉSIDENT DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE.

ATLAS, PLANCHE 236 BIS.

TERRAINS CRÉTACÉS.

		BASSIN PARISIEN.		BASSIN PYRÉNÉEN.		BASSIN DE LA LOIRE.		BASSIN MÉDITERRANÉEN.	
		NOMS DES LOCALITÉS.	NOMS DES ANIMAUX MOLLUSQUES FOSSILES.	NOMS DES LOCALITÉS.	NOMS DES ANIMAUX MOLLUSQUES FOSSILES.	NOMS DES LOCALITÉS.	NOMS DES ANIMAUX MOLLUSQUES FOSSILES.	NOMS DES LOCALITÉS.	NOMS DES ANIMAUX MOLLUSQUES FOSSILES.
ÉTAGE DE LA CRAIE.	CRAIE BLANCHE ou TERRAIN SÉNONIEN. — *Craie blanche, Upper chalk de* M. MANTELL.	Maëstricht, Sainte-Colombe (Manche); Suède; Paris, Sens, Saint-Germain.	CRANIA nummulus, nodulosa, striata, costata, spinulosa, antiqua. CRANIA tuberculata. CRANIA parisiensis. BELEMNITELLA quadrata, mucronata. HAMITES simplex. ANANCHYTES ovata. OSTREA vesicularis.	Soulage (Aude), Pérignac (Charente-Inférieure).	PLEUROTOMARIA Fleuriausa. OSTREA vesicularis. ANANCHITES ovatus.				
				Royan, Meschers (Charente-Inférieure), Lanquais, Font-Barrade, près de Bergerac, Laveyssière (Dordogne).	RADIOLITES crateriformis, Hœninghaussii, Bournoni, dilatata, alata, acuta, conica. HIPPURITES Espaillaciana. TURRILITES Archiaciana. NERINEA Marrotiana, perigordina, Espaillaciana. AVELLANA royana. GLOBICONCHA Fleuriausa, Marrotiana, ovula. NATICA royana. NERITOPSIS lævigata. PHORUS canaliculatus. TROCHUS Marrotianus, girondinus, difficilis. TURBO royanus. PHASIANELLA supracretacea. PLEUROTOMARIA Marrotiana, royana, turbinoides, Espaillaciana. FUSUS Espaillaci, turritellatus, Fleuriausus. TROCHATELLA cretacea. PTEROCERA supracretacea.				
	CRAIE CHLORITÉE ou TERRAIN TURONIEN. — *Glauconie crayeuse de* M. BRONGNIART; *grès vert supérieur, craie chloritée, craie tufau, Upper green-sand, chalk marl* des Anglais, de MM. MANTELL et FITTON; *chloritesche Kreide* des Allemands; craie inférieure du sud-ouest de la France; craie à Baculites.	Environs de Troyes (Aube).	RADIOLITES cornu-pastoris.	Saintes, Pons, Balanzac, St-Savinien, Jonzac (Charente-Inférieure), Cognac, Angoulême (Charente), vallée de la Couze (Dordogne), les Piles, *id.*, Bains-de-Rennes, Sougragne (Aude).	OSTREA carinata, etc. TURRITELLA Bauga. CHEMNITZIA Pailletteana. ACTEONELLA lævigata, crassa. NATICA Requieniana. PLEUROTOMARIA santonesa, secans. HIPPURITES organisans. RADIOLITES ponsiana, lombricalis, radiosa, calceoloides, angulosa, Martiniana, cornu-pastoris. CAPROTINA carinata, Archiaciana. HIPPURITES bioculata, organisans, sulcata, gigantea, canaliculata, striata. RADIOLITES Angeoïdes, Pailletteana. CAPRINA Aguilloni, Boissyi. NERINEA Pailletteana, subæqualis, Requieniana. PLEUROTOMARIA Mailleana, perspectiva. PTERODONTA intermedia, pupoides, scalaris. CERITHIUM pustulosum. ROSTELLARIA pyrenaica.	Sainte-Cérotte, la Flèche (Sarthe).	RADIOLITES cornu-pastoris.	Martigues (Bouches-du-Rhône), Uchaux, Piolen, Moudragon (Vaucluse), Alais (Gard), La Cadière, Sainte-Baume, Lafarre, le Bausset (Var).	TURRITELLA difficilis, uchauxiana, Renauxiana, Requieniana, Coquandiana, granulata, Verneuiliana. EULIMA amphora. Requieniana. CHEMNITZIA inflata. NERINEA uchauxiana. PYRAMIDELLA canaliculata. ACTEONELLA Renauxiana, gigantea, lævis, crassa. NATICA Iyrata, Requieniana, bulbiformis. NERITOPSIS Renauxiana. TURBO Renauxianus, alpinus, indecisus. PLEUROTOMARIA Requieniana. VOLUTA elongata, Requieniana, Gasparini, Renauxiana. FUSUS Renauxianus, Requienianus. CERITHIUM Renauxianum, peregrinorsum, Requienianum, Prosperianum. ROSTELLARIA simplex, ornata, Requieniana, pauperata. HIPPURITES organisans, bioculata, sulcata, gigantea, canaliculata. RADIOLITES ponsiana, Sauvagesii. Martiniana, acuticostata, horrida, excavata, squamosa. CAPRINA Aguilloni, Coquandia. CAPROTINA subæqualis.
		Cap Blanc-Nez (Pas-de-Calais); Ste-Catherine, près de Rouen, le Havre (Seine Inférieure); Honfleur (Calvados); craie à Baculites, Valogne (Manche); Auxon, Troyes (Aube); Montblain-ville (Meuse).	NAUTILUS lævigatus, Largilliertianus, Matheronianus, elegans, Deslongchampsianus, Archiacianus. AMMONITES falcatus, Largilliertianus, Lewesiensis, Mantellii, Rhotomagensis, rusticus, varians, Woolgarii, peramplus, Verneuilianus, Lafresnayeanus. SCAPHITES æqualis, constrictus. HAMITES simplex, armatus, cylindraceus. BACULITES baculoides, anceps. TURRILITES tuberculatus, Gravesianus, costatus, Desnoyersianus, Scheutschzerianus, ornatus, bifrons. EXOGYRA columba. NAUTILUS triangularis, radiatus. AVELLANA Archiaciana, cassis, Rauliniana. NERILOPSIS ornata. TAOCHUS Basteroti. TURBO Rhotomagensis, Mailleanus. PLEUROTOMARIA Mailleana, perspectiva, formosa, Moreausiana, Brongniartiana, Marrotianus. EMARGINULA pelagica, Sanctæ-Catharinæ. ROSTELLARIA Mailleana, inornata. PTEROCERA marginata, inflata.	Rochefort, Port-des-Barques (Charente-Inférieure), Bains-de-Rennes, Soulages (Aude), Cognac (Charente), Rochefort, Port-ces-Barques, Fouras, Ile-Madame, Ile-d'Aix (Charente-Inférieure).	NAUTILUS triangularis, Fleuriausianus. AMMONITES Carolinus, Fleuriausianus, Mantellii, Pailletteanus, Rhotomagensis, tricarinatus, varians, Woolgarii. SCAPHITES compressus. EXOGYRA columba. HAMITES armatus. TURRILITES plicatus, acuticostatus. TURBO cognacensis. CERITHIUM ataxense. NERINEA Bauga.	Tours, Saint-Georges, Rochecourbon (Indre-et-Loire), Saumur (Maine-et-Loire), Tourtenay (Deux-Sèvres), Poncé, Ste-Cérotte (Sarthe).	NAUTILUS lævigatus. AMMONITES Caolinus, Goupilianus, peramplus, Gallicnnei, Diardii. ATEONELLA crassa. PLEUROTOMARIA Gallicnnei. CONUS tubeculatus. VOLUTA Lahayesi. ACTEON ovum. AMMONITES Beaumontianus, catillus, Fleuriausus, Vibrayeanus. SCAPHITS æqualis. BELEMNITELLA Gallicnnei.	Uchaux, Orange (Vaucluse), Malle, Escragnolle (Var), Vergons (Basses-Alpes), Cassis, Ciotat (Bouches-du-Rhône).	NAUTILUS lævigatus, Largilliertianus, elegans. AMMONITES Beaumontianus, Bravaisianus, Deverianus, Feraudianus, falcatus, Goupilianus, Mantellii, Largilliertianus, Papalis, Prosperianus, peramplus, Renauxianus, Requienianus, Rhotomagensis, Sartousianus, varians. SCAPHITES æqualis. HAMITES armatus. BACULITES baculoides. TURRILITES tuberculatus, Gravesianus, costatus. EXOGYRA columba. NAUTILUS triangularis. ACTEON ovum. AVELLANA cassis. TROCHUS Requienianus. PTERODONTA ovata. NERINEA Pailletteana, pulchella, pauperata, Requieniana. NATICA Martinii, cassisiana, Matheroniana. NARICA cretacea. PLEUROTOMARIA Mailleana, perspectiva, Gallicnnei, falcata, Matheroniana, cassisiana. MITRA cancellata. COLOMBELLINA ornata. CERITHIUM Matheroni, provinciale, cassisianum. EMARGINULA Sanctæ-Catharinæ. ROSTELLARIA varicosa. PTEROCERA marginata.
				Ile-d'Aix, IleMadame, Nancras (Charente-Inférieure), Angoulême Cognac, St-Trojan (Charente), Nontron (Dordogne).	NAUTILUS lævigatus. OSTREA biauriculata. RADIOLITES foliacea, triangularis, polyconilites, Fleuriausa, lamellosa. CAPRINA adversa, quadripartita, semistriata, costata, striata. CAPROTINA rugosa, navis, lævigata. ICHTHYOSARCOLITES triangularis. NERINEA Fleuriausa, aunisiana, regularis, brevis, monilifera. NATICA difficilis. STOMATIA aspera. PTEROCERA polycera. STROMBUS inornatus. PTERODONTA elongata, inflata. CERITHIUM reflexilabrum.	Tourtenay (Deux-Sèvres), Saumur (Maine-et-Loire), Lamnay, le Mans, Saint-Calais (Sarthe).	NAUTILUS triangularis. AMMONITES Mantellii, Rhotomagensis. NERINEA monilifera. GLOBICONCA rotundata. NERILOPSIS pulchella. TROCHUS Guerangeri, sarthinus, Marçaisi. ROTELLA Archiaciana. SOLARIUM Gerangeri, scalare. TURBO Goupilianus, Guerangeri, bicuratus, tricostatus, cretaceus, obtusus. PLEUROTOMARIA Lhayesi, simplex, Guerangeri. STROMBUS inornatus. PTERODONTA elongata, inflata. VOLUTA Guerangeri. CERITHIUM Guerangeri, gallicum, limæformis. EMARGINULA Gueragerí. PTEROCERA incerta. *Ichthyosarcolites triangularis.* SAPHITES æqualis. TURRILITES costatus, Scheutchzerianus.	La Malle, Escragnolle (Var).	STROMBUS inornatus. PTERODONTA inflata.
	ÉTAGE DU GAULT ou TERRAIN ALBIEN. — *Glauconie* sableuse de M. BRONGNIART; *grès vert*, le *gault*, des Français; le *blue clay*, le *gault*, le *galt* de M. SMITH, de M. FITTON; le *blue marl* de M. MANTELL; grès vert de la perte du Rhône; le *Speeton-Clay* de M. PHILLIPS.	Racine, Gaty, Dieuville, Gérodot, Ervy, Courcelle (Aube), Côtes-Noires, Valcourt, Droyes, Montiers-en-Der (Haute-Marne), St-Florentin (Yonne), Senefontaine (Oise), Sur-le-Fond (Doubs), Wissant (Pas-de-Calais), Machéroménil, Sauce-aux-Bois, Novion (Ardennes), Varennes (Meuse), Copt-Point, Lyme-Regis, Redge, Ringmer (Angleterre).	AMMONITES Beudanti, Clementinus, Delaruei, Dupinianus, inflatus, interruptus, Lyelli, latidorsatus, mammillatus, Velledæ, Parandieri, versicostatus, varicosus, Mayorianus, varicosus, auritus, Bouchardianus, bicurvatus, denarius, regularis, fissicostatus, cristatus, tarde furcatus, Fittoni, lautus, splendens, tuberculatus, Milletianus. BELEMNITES minimus. NAUTILUS Clementinus, Bouchardianus. HAMITES rotundus, attenuatus, flexuosus, Bouchardianus, alternatus, virgulatus. TURRILITES Vibrayeanus. BELLEROPHINA Vibrayei. TURRITELLA Vibrayeana, Rauliniana. SCALARIA Clementina, Dupiniana, gaultina, Rauliniana, Gatina. RISSOA Dupiniana. RISSOINA incerta. ACTEON Vibrayeana. RINGINELLA lacryma, inflata, Clementina. AVELLANA incrassata, Dupiniana, ovula. NATICA Clementina, excavata, gaultina, Dupinii, Ervyna, Rauliniana. SOLARIUM dilatatum, moniliferum, conoideum, ornatum, dentatum, granosum, albense. TURBO plicatilis, decussatus. PHASIANELLA gaultina, Ervyna. PLEUROTOMARIA gaultina, gurgitis, alpina. ROSTELLARIA carinata, calcarata, tricostata, carinella, Parkinsoni. PTEROCERA bicarinata. STROMBUS Dupinianus. FUSUS Dupinianus, albensis, gaultinus, elegans, Vibrayeanus, Clementinus, indecisus. BUCCINUM gaultinum. CERITHIUM subspinosum, Lallierianum, Vibrayeanum, ervynum, tectum, trimonile, ornatissimum. ACMOEA tenuicosta. DENTALIUM decussatum.			Escragnolle (Var), Montagnedes-Fis (Savoie), St-Paul-de-Fenouillet (Pyrénées-Orientales), Cluse, le Reposoir (Savoie), Venterol, Clansaye (Drôme), Perte-du-Rhône (Ain).	NAUTILUS Clementinus. AMMONITES fissicostatus, Milletianus, nodosocostatus, Alpinus, Beudanti, Camateanus, Delaruei, interruptus, Lyelli, latidorsatus, mammillaris, Mayorianus, Parandieri, Roissyanus, Senequierianus, versicostatus. HAMITES elegans, sablieri, virgulatus. CRIOCERAS Astierianus, cristatus. TURRILITES catenatus, Astierianus, Senequierianus, Emericianus, bituberculatus, Mayorianus, elegans, Robertianus, Bergeri. TURRITELLA Vibrayeana, Hugardiana. SCALARIA Clementina, Dupiniana. RINGINELLA inflata. AVELLANA inflata, Hugardiana. NATICA Clementina, gaultina, Dupinii, ervyna, Rauliniana. SOLARIUM Astierianum, moniliferum, conoideum, ornatum, dentatum, cirroide, granosum, Martinianum. TURBO Astierianus, Martinianus, Pictetianus, Chassyanus. PLEUROTOMARIA dimorpha, lima, gurgitis, Rhodani, alpina, Uchauxiana. ROSTELLARIA Parkinsoni, Drunensis, Itieriana. STROMBUS Dupinianus. FUSUS Itierianus. CERITHIUM trimonile, excavatum.
	TERRAIN APTIEN. — *Argile à Plicatules* et *argile ostréenne* de M. CORNUEL; *argile téguline de* M. LEYMERIE.	Bailly-aux-Forges, Wassy (Haute-Marne), Villeneuve, entre Ervy et Marolle (Aube), environs d'Auxerre (Yonne).	NAUTILUS Requienianus. AMMONITES cesticulatus, Cornueliannus, Deshayesi, Nisus, raresulcatus, Royerianus. TOXOCERAS Royerianus, Cornuelianus, Emericianus. ANCYLOCERAS varians. HAMITES Royerianus. NATICA Cornueliana. TURBO dispar. CERITHIUM aptiense, Cornuelianum, matronense. VERMETUS Rouyanus, albensis.					Cassis (Bouches-du-Rhône), Vergons (Basses-Alpes), Gargas (Vaucluse).	BELEMNITES semicanaliculatus. NAUTILUS Requienianus. AMMONITES Belus, consobrinus, crassicostatus, Dufresnoyi, Duvalianus, Emerici, Flexisulcatus, Gargasensis, Guettardi, impressus, inornatus, Martinii, Matheroni, nisus, pretiosus, strangulatus, striatisulcatus. TOXOCERAS Emericianus, Royerianus. ANCYLOCERAS Matheronianus, Renauxianus, Duvalianus, brevis. CERITHIUM aptiense, Rouyanum, gargasense. VERMETUS Rouyanus.
ÉTAGE NÉOCOMIEN. — *Terrain crétacé inférieur* de M. ÉLIE DE BEAUMONT: *terrain néocomien* de M. MONTMOLLIN.		Angleterre.	CAPROTINA Lonsdalii.					Alais (Gard), Martigues, Cassis, Orgon (Bouches-du-Rhône), Grenoble (Isère), Chambéry (Savoie).	NERINEA Coquandiana, Renauxiana, gigantea, Archimedi, chamousetì. NATICA Hugardiana. RADIOLITES neocomiensis. CAPROTINA ammonia, lamellosa, trilobata, Lonsdalii.
	TERRAIN NÉOCOMIEN. — Calcaire et argile à Spatangues et les marnes bleues, de M. CORNUEL; *Lower green-sand*, de M. FITTON.	Calcaires, marne à Spatangues et marnes bleues de St-Dizier, Wassy, Beaudrecourt, Bettancourt-la-Ferrée, Villeneu-Blaisois (Haute-Marne), Vendeuvre, Marolle, Tieffrain (Aube), Neuchâtel (Suisse), St-Sauveur, Chatelcensois (Yonne), Renaud-du-Mont, Russey, près de Morteau (Doubs).	BELEMNITES Beaudouini, dilatatus. NAUTILUS pseudo-elegans. AMMONITES bidichotomus, difficilis, cryptoceras, Leopoldinus, radiatus, Astierianus, Carteroni, Castellanensis, Gevrilianus. CRIOCERAS Cornuelianus. TURRITELLA Dupiniana, angulata, lævigata. SCALARIA canaliculata, albensis. EULIMA albensis, melanoides. NERINEA Royeriana, Dupiniana, matronensis, Carteroni, lobata, bifurcata. ACTEON Dupiniana, affinis, marginata, albensis, ringens, scalaris. AVELLANA globulosa. NATICA lævigata, prælonga, bulimoides. NERITOPSIS Robinausiana. TROCHUS albensis, striatulus, marollinus, dentigerus. SOLARIUM Dupinianum, neocomiense. DELPHINULA Dupiniana. TURBO Desvoidyi, acuminatus, marollinus, inconstans, Mantellii, yonninus, elegans. PHASIANELLA neocomiensis. PLEUROTOMARIA neocomiensis, Pailletteana, elegans, Robinaldi, Dupiniana, albensis, Carteroni. ROSTELLARIA Dupiniana, Robinaldina, Royeriana, acuta, scalaris. FUSUS neocomiensis, infracretaceus, ornatus. COLOMBELLINA monodactylus. CERITHIUM terebroides, marollinum, Dupinianum, albense, Phillipsii, Clementinum, Gaudryi, pyramidale, nassoide, neocomiense, Beaudouini. EMARGINULA neocomiensis. PTEROCERA Moreausiana, speciosa, Dupiniana, pelagi.					Gigondas (Vaucluse), St-Julien-Beauchêne (Hautes-Alpes), St-Martin, Lattes, Caussol, Source-du-Loup, Sasseneage (Var), Lagne, Castellane, Cheiron, Sisteron, Barrême, Robion, Léous (Basses-Alpes).	BELEMNITES dilatatus, bipartitus, subfusiformis, latus, polygonalis, Emerici, extinctorius. NAUTILUS pseudo-elegans, neocomiensis. AMMONITES angulicostatus, asperrimus, heliacus, helius, picturatus, pulchellus, Astierianus, Carteroni, Cassida, Castellanensis, clypeiformis, compressissimus, cryptoceras, culturatus, Didayanus, difficilis, Diphyllus, Grasianus, incertus, Honoratianus, inæqualicostatus, infundibulum, intermedius, ixion, Jeannoti, Juilleti, Leopoldinus, lepidus, ligatus, macilentus, Morelianus, neocomiensis, ophiurus, quadrisulcatus, radiatus, recticostatus, Rouyanus, semistriatus, semisulcatus, Thetys, seranonis, simplus, sinuosus, subfascicularis, subfimbriatus, Terverii, verrucosus. CRIOCERAS Duvalii, Villiersianus, Emerici, Puzosianus. TOXOCERAS Requienianus, biturberculatus, elegans, Duvalianus, annularis, honoratianus, obliquatus. ANCYLOCERAS dilatatus, pulcherrimus, simplex, cinctus, Puzosianus, furcatus. SCAPHITES Ivanii. HAMITES incertus, dissimilis, Emericianus. PTYCHOCERAS Emericianus, Puzosianus. BACULITES neocomiensis. ACTEON Astieriana. NATICA Coquandiana. TROCHUS Astierianus. PLEUROTOMARIA neocomiensis, Pailleteana, elegans, provincialis. ROSTELLARIA alpina, provincialis, Astieriana. PTEROCERA pelagi, Beaumontiana, Emerici.

BIBLIOTHÈQUE DIJON UNIVERSITÉ